Delivery range

weltweit bewährt
approved world-wide
éprouvé dans le monde entier

per October 2026

Contents

	product (group)	type	p.
1	**KORODUR hard aggregates acc. to DIN 1100**		**4**
1.1	KORODUR hard aggregate	0/4	
1.2	KORODUR hard aggregate	VS 0/5	
1.3	KORODUR hard aggregate	WH-Special	
1.4	KORODUR hard aggregate	WH-Metallic	
1.5	KORODUR hard aggregate	Diamond concrete	
2	**Industrial floor - dry mortars**		**4**
2.1	NEODUR hard aggregate screed	HE 65	
2.2	NEODUR hard aggregate screed	HE 65 SVS 3	
2.3	NEODUR hard aggregate screed	HE 65 SVS 1,5	
2.4	NEODUR hard aggregate screed	HE 65 metallic	
2.5	NEODUR hard aggregate screed	HE 65 Plus	
2.6	NEODUR hard aggregate screed	HE 65 Plus SVS 3	
2.7	NEODUR dry mortar	HE 3	
2.8	NEODUR dry mortar	HE 3 green	
2.9	NEODUR dry mortar	HE 3 SVS 3	
2.10	NEODUR dry mortar	HE 3 SVS 1,5	
2.11	NEODUR dry mortar	HE 3 metallic	
2.12	NEODUR dry mortar	HE 2	
2.13	NEODUR dry mortar	HE 40	
2.14	NEODUR dry mortar	HE 40/8	
3	**Industrial floor - fast-setting screed / binder**		**6**
3.1	NEODUR hard aggregate - fast screed	HE 60 rapid	
3.2	NEODUR hard aggregate - fast screed	HE 60 rapid SVS 3	
3.3	NEODUR hard aggregate - fast screed	HE 60 rapid SVS 1,5	
3.4	NEODUR hard aggregate - fast screed	HE 60 rapid metallic	
3.5	KORODUR fast-setting screed binder	FSCem	
3.6	KORODUR fast-setting screed dry mortar	FSCem Screed	
4	**Self-leveling industrial floors**		**7**
4.1	NEODUR Level	Level	
4.2	NEODUR Level AU	Level AU	
5	**Mineral decorative screeds**		**7**
5.1	KORODUR COPETTI FLOOR	KCF 05	
5.2	KORODUR COPETTI FLOOR	KCF 08	
5.3	GRANDIUR 05	GR 05	
5.4	GRANIDUR 08	GR 08	
5.5	GRANIDUR BIANCO	GR BIANCO	
5.6	GRANIDUR NERO	GR NERO	
5.7	TRU Self-Leveling	TRU	
5.8	TRU PC decorative screed	TRU PC	
5.9	TRU SP	TRU SP	
6	**Bonding compound/primer**		**8**
6.1	KORODUR uniPrimer	uniPrimer	
6.2	KORODUR Bonding Compound	HB 5	
6.3	KORODUR Bonding Compound rapid	HB 5 rapid	
6.4	KORODUR Primer	PC	
6.5	KORODUR Epoxy primer	KORODUR TXPK	
6.6	Quartz sand 0,4 - 0,8		
7	**After-treatment/curing**		**9**
7.1	KOROTEX		
7.2	KOROCURE		
7.3	KOROMINERAL CURE		
7.4	KORODUR easyFinish	easyFinish	
7.5	KORODUR nanoFinish	nanoFinish	

	product (group)	type	p.
8	**Impregnation/first maintenance**		**9**
8.1	KOROMINERAL		
8.2	KOROMINERAL Li+		
8.3	KOROCLEAN		
9	**DUROP (aggregate for synthetic resin systems)**		**10**
9.1	DUROP 0,5/1	D 0,5/1	
9.2	DUROP 1/2	D 1/2	
9.3	DUROP 2/3	D 2/3	
9.4	DUROP 2/5	D 2/5	
10	**Rapid Set**		**10**
10.1	CEMENT ALL		
10.2	CEMENT ALL Plus		
10.3	MORTAR MIX		
10.4	MORTAR MIX Dur		
10.5	CONCRETE MIX		
10.6	DOT Europe CONCRETE MIX		
10.7	FAST		
10.8	FLOW Control		
10.9	SET Control		
10.10	Pigment Dark		
10.11	Pigment Light		
10.12	Asphalt Repair Mix		
10.13	LevelFlor - underlayment		
11	**Special mortars**		**12**
11.1	NEODUR grouting mortar / concrete	VM 1/3 / VB 8	
11.2	NEODUR grouting mortar	VM 5	
11.3	NEODUR grouting mortar	VM basic	
11.4	NEODUR fast grouting mortar	SVM 03	
11.5	NEODUR micro-silica-repair shotcrete mortar	MSM 3/5 / MSB 8	
11.6	NEODUR pavement joint mortar	PFM 1-K Easyfix	
11.7	NEODUR pavement joint mortar	PFM ZE grey	
12	**MICROTOP (drinking water facilities - repair)**		**13**
12.1	MICROTOP	TW 02 natural, white, blue	
12.2	MICROTOP	TW BM natural, white	
12.3	MICROTOP	TW VSM	
12.4	MICROTOP	TW 3 natural, white	
12.5	MICROTOP	TW 5	
12.6	MICROTOP	TW 8	
12.7	MICROTOP	TW NSM natural, white, blue	
12.8	MICROTOP	TW Mineral	
	General Terms of Sale and Delivery		**14**
	KORODUR International GmbH		

General Hints

Prior to the use of our products please study the relevant “Technical Information”. Our technical advisers are at your disposal. Catalogues are available. **Further products and formulations for special application are available - on request.** Our recommendations for application techniques are based on our experience. It is recommended to adapt the processing to the given local conditions and we refer in this context to our General Terms of Sale and Delivery.

1. KORODUR hard aggregates

acc. to DIN 1100 for hard aggregate screeds acc. to DIN 18560

product	type	consumption	packaging
1.1 KORODUR hard aggregate Hard aggregate acc. to DIN 1100, coating group A, for the production of cementitious hard aggregate screeds acc. to DIN 18560, DIN EN 13813 for combined rolling-ramming-grinding stress, pressure, impact and percussion. Multi-components aggregate from silica quartz and products from electrometallurgical melting processes - 0/4 mm.	**0/4** CT-C70-F10-A6	hard aggregate consumption in middle at nominal thickness 15 mm 21 kg/m² 10 mm 14 kg/m² 8 mm 12 kg/m²	25 kg paper bag Big Bag
1.2 KORODUR hard aggregate Hard aggregate acc. to DIN 1100, coating group A, for the production of cementitious hard aggregate screeds acc. to DIN 18560, DIN EN 13813 for combined rolling-ramming-grinding stress, pressure, impact and percussion. Multi-components aggregate from silica quartz and products from electrometallurgical melting processes - 0/5 mm.	**VS 0/5** CT-C70-F10-A6	hard aggregate consumption in middle at nominal thickness 15 mm 21 kg/m² 10 mm 14 kg/m² 8 mm 12 kg/m²	25 kg paper bag Big Bag
1.3 KORODUR hard aggregate Hard aggregate acc. to DIN 1100, coating group A, for the production of cementitious hard aggregate screeds acc. to DIN 18560, DIN EN 13813 for highly ramming and most severe stress, for heavy iron wheel traffic, putting down of sharp-edged machinery parts, suitable for loading ramps etc. Hard aggregate on synthetic raw material basis - 0/5 mm. The wear resistance values correspond to these of metallic materials.	**WH-Special** CT-C70-F10-A3	hard aggregate consumption in middle at nominal thickness 15 mm 22 kg/m² 10 mm 15 kg/m² 8 mm 13 kg/m²	25 kg paper bag Big Bag
1.4 KORODUR hard aggregate Hard aggregate acc. to DIN 1100, coating group M, for the production of cementitious hard aggregate screeds acc. to DIN 18560, DIN EN 13813 for most severe stress by impact and percussion. One-component metallic aggregate 0/4 mm. Increased flexural strength.	**WH-Metallic** CT-C80-F11-A3	hard aggregate consumption in middle at nominal thickness 8 mm 21 kg/m² 6 mm 16 kg/m²	50 kg paper bag Big Bag
1.5 KORODUR hard aggregate Hard aggregate acc. to DIN 1100, coating group KS, for the production of cementitious hard aggregate screeds acc. to DIN 18560, DIN EN 13813 for extremely high demands to walking safety and wear resistance. One-component hard aggregate from electro-corundum and silicon carbide 0/4 mm. Extremely favorable abrasion value.	**Diamond concrete** CT-C70-F10-A1,5	hard aggregate consumption in middle at nominal thickness 6 mm 9,5 kg/m² 5 mm 8 kg/m² 4 mm 6,5 kg/m²	25 kg paper bag Big Bag

2. Industrial floor - dry mortars

product	type	consumption	packaging
2.1 NEODUR hard aggregate screed For the production of hard aggregate toppings for high mechanical stress. Acc. to DIN 18560, on fresh or set concrete base. Available also as loose material, e.g. in silo transporter and in diverse colours, see KORODUR colour chart.	**HE 65** CT-C70-F9-A6	approx. 2,1 kg/m²/mm	25 kg paper bag Big Bag loose (silo)
2.2 NEODUR hard aggregate screed For the production of hard aggregate toppings for high mechanical stress. Acc. to DIN 18560, on fresh or set concrete base. Available also as loose material, e.g. in silo transporter and in diverse colours, see KORODUR colour chart.	**HE 65 SVS 3** CT-C70-F9-A3	approx. 2,2 kg/m²/mm	25 kg paper bag Big Bag loose (silo)

2. Industrial floor - dry mortars

product	type	consumption	packaging
2.3 NEODUR hard aggregate screed For the production of hard aggregate toppings for highest mechanical stress. Acc. to DIN 18560, on fresh or set concrete base. Available also as loose material, e.g. in silo transporter and in diverse colours, see KORODUR colour chart.	**HE 65 SVS 1,5** CT-C70-F9-A1,5	approx. 2,2 kg/m²/mm	25 kg paper bag Big Bag loose (silo)
2.4 NEODUR hard aggregate screed For the production of heavy-duty industrial floors, acc. to DIN EN 13813. Ready to use cementitious dry mortar with metallic, non-rusting material.	**HE 65 metallic** CT-C70-F10-A3	approx. 2,6 kg/m²/mm	25 kg paper bag
2.5 NEODUR hard aggregate screed Synthetic-modified hard aggregate screed for the production of highly wear-resistant industrial floors. In one layer as composite screed on set base concrete, for layer thickness of 15 mm - 30 mm, without additional bonding compound.	**HE 65 Plus** CT-C70-F9-A6	approx. 2,1 kg/m²/mm	25 kg paper bag Big Bag loose (silo)
2.6 NEODUR hard aggregate screed Synthetic-modified hard aggregate screed for the production of highly wear-resistant industrial floors. In one layer as composite screed on set base concrete, for layer thickness of 15 mm - 30 mm, without additional bonding compound.	**HE 65 Plus SVS 3** CT-C70-F9-A3	approx. 2,2 kg/m²/mm	25 kg paper bag Big Bag loose (silo)
2.7 NEODUR dry mortar For the production of integrated wearing layers of cementitious industrial floors. Available colours: see KORODUR colour chart.	**HE 3** CT-C70-F9-A6	approx. 3-6 kg/m²	25 kg paper bag Big Bag
2.8 NEODUR dry mortar Mineral dry mortar for the production of integrated wearing layers of cementitious industrial floors.	**HE 3 green** CT-C70-F9-A6	approx. 3-5 kg/m²	25 kg paper bag Big Bag
2.9 NEODUR dry mortar For the production of integrated wearing layers of cementitious industrial floors. Available colours: see KORODUR colour chart.	**HE 3 SVS 3** CT-C70-F9-A3	approx. 3-6 kg/m²	25 kg paper bag Big Bag
2.10 NEODUR dry mortar For the production of integrated wearing layers of cementitious industrial floors. Available colours: see KORODUR colour chart.	**HE 3 SVS 1,5** CT-C70-F9-A1,5	approx. 3-6 kg/m²	25 kg paper bag Big Bag
2.11 NEODUR dry mortar For the production of highly wear resistant industrial floors in dry-shake method. Ready to use cementitious dry mortar with metallic aggregate.	**HE 3 metallic** CT-C70-F10-A3	approx. 5-7 kg/m²	25 kg paper bag
2.12 NEODUR dry mortar For the production of integrated wearing layers of cementitious industrial floors. Available colours: see KORODUR colour chart.	**HE 2** CT-C70-F9-A9	approx. 3-6 kg/m²	25 kg paper bag Big Bag

2. Industrial floor - dry mortars

product	type	consumption	packaging
2.13 NEODUR dry screed Screeds of grade C 35 / C 45 for the production of cementitious hard aggregate toppings fresh on fresh up to max. 25 mm, as bonded screed with KORODUR bonding compound HB 5 up to max. 35 mm.	**HE 40** CT-C40-F6-A6	approx. 2,1 kg/m²/mm	25 kg paper bag
2.14 NEODUR dry screed Screeds of grade C 35 / C 45 for the production of cementitious hard aggregate toppings as bonded screed with KORODUR bonding compound HB 5 up to max. 70 mm.	**HE 40/8** CT-C40-F7-A6	approx. 2,1 kg/m²/mm	25 kg paper bag

3. Industrial floor - fast-setting screed / binder

product	type	consumption	packaging
3.1 NEODUR hard aggregate - fast screed Highly wear-resistant, low-shrinkage, fast-setting screed for the installation and repair of composite screeds which are quickly usable and early ready for covering, with increased wear resistance, as industrial floors for heaviest duty. Layer thickness from 10 mm, for indoor use.	**HE 60 rapid** CT-C60-F8-A6	approx. 2,1 kg/m²/mm	25 kg paper bag
3.2 NEODUR hard aggregate - fast screed Highly wear-resistant, low-shrinkage, fast-setting screed for the installation and repair of composite screeds which are quickly usable and early ready for covering, with increased wear resistance, as industrial floors for heaviest duty. Layer thickness from 10 mm, for indoor use.	**HE 60 rapid SVS 3** CT-C60-F8-A3	approx. 2,2 kg/m²/mm	25 kg paper bag
3.3 NEODUR hard aggregate - fast screed Highly wear-resistant, low-shrinkage, fast-setting screed for the installation and repair of composite screeds which are quickly usable and early ready for covering, with increased wear resistance, as industrial floors for heaviest duty. Layer thickness from 10 mm, for indoor use.	**HE 60 rapid SVS 1,5** CT-C60-F8-A1,5	approx. 2,2 kg/m²/mm	25 kg paper bag
3.4 NEODUR hard aggregate - fast screed Highly wear-resistant, low-shrinkage, fast-setting screed for the installation and repair of composite screeds which are quickly usable and ready for covering, with increased wear resistance, as industrial floors for heaviest duty, with metallic aggregate. Layer thickness from 10 mm, for indoor use.	**HE 60 rapid metallic** CT-C60-F8-A3	approx. 2,5 kg/m²/mm	25 kg paper bag
3.5 KORODUR fast-setting screed binder Low-shrinkage fast-setting screed binder for the production of heavy-duty cement screeds that are quickly usable and ready for covering, indoors and outdoors - on separation layer, in compound, on insulation layer or as heated screed.	**FSCem** CT-C40-F6 (mixing ratio 1:4) CT-C50-F7 (mixing ratio 1:5) with screed sand A/B 8	Consumption per m² and cm screed approx. 4,0 kg (mixing ratio 1:4) approx. 3,5 kg (mixing ratio 1:5)	25 kg paper bag Big Bag
3.6 KORODUR fast-setting screed dry mortar Low-shrinkage fast-setting screed for the production of heavy-duty cement screeds that are quickly usable and ready for covering, indoors and outdoors - on separation layer, in compound, on insulation layer or as heated screed.	**FSCem Screed** CT-C40-F6	approx. 2,1 kg/m²/mm	25 kg paper bag

4. Self-leveling industrial floors

product	type	consumption	packaging
4.1 NEODUR Level Self-leveling, fast setting industrial floor (thin-layer), indoors and outdoors, for layer thickness of 4 mm - 30 mm. For production and storage halls, carparks etc., after approx. 3 days resistant to forklift traffic.	**Level** CT-C40-F8-AR0,5	approx. 1,7 kg/m²/mm	25 kg paper bag
4.2 NEODUR Level AU Self-leveling, fast setting floor underlayment, indoors and outdoors, for layer thickness of 5 mm - 50 mm.	**Level AU** CT-C35-F5	approx. 1,7 kg/m²/mm	25 kg paper bag

5. Mineral decorative screeds

KORODUR decorative screeds for show rooms, museums, galleries, hospitals, restaurants, event areas, sales rooms, offices, public buildings as well as to intensify post-modern architecture

product	type	consumption	packaging
5.1 KORODUR COPETTI FLOOR - KCF 05 KORODUR COPETTI FLOOR, cementitious, smoothed decorative screed in marble optics developed by KORODUR and the Italian designer Alessandro Copetti. KCF 05 is available also coloured.	**KCF 05** CT-C45-F6-A6	approx. 2,1 kg/m²/mm	25 kg paper bag
5.2 KORODUR COPETTI FLOOR - KCF 08 KORODUR COPETTI FLOOR, cementitious, smoothed decorative screed in marble optics developed by KORODUR and the Italian designer Alessandro Copetti. KCF 08 is available also coloured.	**KCF 08** CT-C35-F5-A6	approx. 2,1 kg/m²/mm	25 kg paper bag
5.3 GRANIDUR 05 GRANIDUR 05 - factory produced, cementitious decorative screed in polished granite optics for highest requirements. GRANIDUR 05 is available also coloured.	**GR 05** CT-C45-F6	approx. 2,1 kg/m²/mm	25 kg paper bag
5.4 GRANIDUR 08 GRANIDUR 08 - factory produced, cementitious decorative screed in polished granite optics for highest requirements. GRANIDUR 08 is available also coloured.	**GR 08** CT-C35-F5	approx. 2,1 kg/m²/mm	25 kg paper bag
5.5 GRANIDUR BIANCO GRANIDUR BIANCO - factory produced, ready to use, cementitious, light decorative screed with light aggregates in polished granite optics.	**GR BIANCO** CT-C45-F6	approx. 2,1 kg/m²/mm	25 kg paper bag
5.6 GRANIDUR NERO GRANIDUR NERO - factory produced, ready to use, cementitious, dark decorative screed with mostly dark aggregates in polished granite optics.	**GR NERO** CT-C45-F6	approx. 2,1 kg/m²/mm	25 kg paper bag

5. Mineral decorative screeds

KORODUR decorative screeds for show rooms, museums, galleries, hospitals, restaurants, event areas, sales rooms, offices, public buildings as well as to intensify post-modern architecture

product	type	consumption	packaging
5.7 TRU Self-Leveling decorative screed High quality, self-leveling, thin-layer decorative screed based on special cement technology in the colours natural and grey, indoors and outdoors, for layer thickness of 4 mm - 35 mm. Individual design options by incorporation of suitable colours and sprinkling of decorative aggregates. TRU is ready for polishing 24 hours after application.	**TRU** CT-C40-F10	approx. 1,7 kg/m²/mm	22,7 kg paper bag
5.8 TRU PC decorative screed in polished concrete optics High quality, self-leveling, thin-layer decorative screed based on special cement technology in polished concrete optics with integrated decorative graining, in the colours natural and grey, indoors and outdoors, for layer thickness of 10 mm - 35 mm. TRU PC is ready for polishing 24 hours after application.	**TRU PC** CT-C40-F10	approx. 1,8 kg/m²/mm	27,2 kg paper bag
5.9 TRU SP decorative screed in salt-pepper-finish High quality, self-leveling decorative screed based on special cement technology in salt-pepper-finish, in the colours natural and grey, indoors and outdoors, for layer thickness of 10 mm - 35 mm. Additional individual effects by sprinkling of decorative aggregates (e.g. glass, marble). TRU SP is ready for polishing 24 hours after application.	**TRU SP** CT-C40-F10	approx. 1,8 kg/m²/mm	27,2 kg paper bag

6. Bonding compound / primer

product	type	consumption	packaging
6.1 KORODUR uniPrimer Ready-to-use universal primer based on acrylate, co-polymer and silicate for the pre-treatment of differently absorbent concrete sub-bases for coating with hard aggregate screeds.	**uniPrimer**	approx. 150-250 g/m²	30 kg unit
6.2 KORODUR Bonding Compound Bonding compound for the permabond composite of cementitious screeds of all strength classes - including KORODUR or NEODUR screeds - on concrete. For installation fresh on set base concrete and for time-deferred installation technique.	**HB 5**	approx. 2 kg/m²	25 kg paper bag
6.3 KORODUR Bonding Compound rapid Fast-setting system bonding compound for the optimal bond of NEODUR HE 60 rapid on set concrete.	**HB 5 rapid**	approx. 2 kg/m²	25 kg paper bag
6.4 KORODUR Primer Liquid, solvent-free, one-component, water-thinnable synthetic resin dispersion.	**PC**	approx. 50-200 g/m²	5 kg unit
6.5 KORODUR EP-Primer Epoxy resin special primer, two-components, for self-leveling coatings, e.g. for TRU Self-Leveling and NEODUR Level as well as for priming of concrete and screed areas, where a later moisture exposure on the back has to be considered.	**KORODUR TXPK**	approx. 400-500 g/m² depending on roughness of sub-base	10 kg twin pack
6.6 Quartz sand 0,4 - 0,8 (fire-dried) Optimized quartz sand mix for fully saturated sprinkling of epoxy primed areas.	grain size 0,4 mm - 0,8 mm		25 kg paper bag

7. After-treatment / curing

product		consumption	packaging
7.1 KOROTEX After-treatment agent on synthetic resin basis for KORODUR screeds to avoid premature drying out.		approx. 150 g/m²	1000 kg container 30 kg unit
7.2 KOROCURE Temporary evaporation protection by curing of the base concrete.		approx. 120 g/m²	30 kg unit
7.3 KOROMINERAL CURE Liquid, one-component, membrane-forming curing agent to prevent premature drying out in combination with a densification, as surface protection of cementitious concrete and industrial floors.	KORODUR+NEODUR industrial floors and cementitious concrete	1 working step (depending on absorbency) approx. 60-100 ml/m²	25 l unit
7.4 KORODUR easyFinish Synthetic resin dispersion as smoothing aid for concrete and screed systems. The smoothing process is facilitated, the surface additionally modified, the density increased and the protection against chemical attacks improved.	**easyFinish**	approx. 150 ml/m²	30 kg unit
7.5 KORODUR nanoFinish Ready-to-use nano silica for the finishing of KORODUR industrial floors. It slows down the moisture loss and extends the working time. This facilitates and improves surface finishing, even under hot conditions.	**nanoFinish**	approx. 100 g/m²	30 kg unit

8. Impregnation / first maintenance

product	field of use	consumption	packaging
8.1 KOROMINERAL Liquid, transparent impregnation on silicate basis with silicifying effect.	KORODUR+NEODUR industrial floors	approx. 100-200 g/m² (depending on absorbency)	30 kg unit
8.2 KOROMINERAL Li+ Liquid, transparent impregnation on hybrid lithium silicate with integrated stain protection.	KORODUR+NEODUR industrial floors	approx. 40-100 g/m² (depending on absorbency)	20 kg unit
8.3 KOROCLEAN **(system of MKS Funke Schleiftechnik)** Mechanical procedure to improve the optical properties, safety and skid-resistance of cementitious industrial floors (cleaning-polishing).	KORODUR+NEODUR industrial floors	mechanical procedure cleaning-polishing	

9. DUROP (aggregate for synthetic resin systems)

Filling and sprinkling material for synthetic resin coatings in graded special grain size for industrial flooring construction as well as for road and bridge construction

product	grain size (mm)	packaging
9.1 DUROP 0,5/1	0,5 - 1	25 kg paper bag
9.2 DUROP 1/2	1 - 2	25 kg paper bag
9.3 DUROP 2/3	2 - 3	25 kg paper bag
9.4 DUROP 2/5	2 - 5	25 kg paper bag

Other grain sizes and supply variants (Big Bags) on request.

10. Rapid Set

KORODUR is exclusive license partner for production and sales of Rapid Set products in Europe

product	consumption	packaging
10.1 CEMENT ALL Multipurpose, mineral, high quality repair mortar for general concrete repair, re-profiling, dowelling, industrial grouting, anchoring, injection, formwork, precast industry, for indoors and outdoors, also in wet areas, for layer thickness from 0 mm - 100 mm. CEMENT ALL is non-shrink, fast setting, durable, high-strength and can be applied without bonding compound.	approx. 2,0 kg/m²/mm	25 kg paper bag 5 kg can
10.2 CEMENT ALL Plus Multipurpose, synthetic-modified, fast-setting repair mortar for general concrete repair, re-profiling, dowelling, anchoring, injection, industrial grouting, formwork, precast industry, for indoors and outdoors, also in wet areas, for layer thickness from 0 mm - 100 mm. Utmost protection against carbonation with evidence acc. to DIN EN 13295 (carbonation resistance). Due to the composition and with reference to DIN EN 206-1, CEMENT ALL Plus meets the following exposure classes: XC4, XF4 and XA3.	approx. 2,0 kg/m²/mm	25 kg paper bag
10.3 MORTAR MIX Multipurpose, mineral, high quality fast setting repair mortar for general concrete repair, re-profiling, underlayments, formwork, repair of roads, precast industry, for indoors and outdoors, also in wet areas, for layer thickness from 10 mm - 150 mm. MORTAR MIX is non-shrink, fast-setting, durable, high-strength and can be applied without bonding compound.	approx. 2,0 kg/m²/mm	25 kg paper bag
10.4 MORTAR MIX Dur Multipurpose, mineral, highly wear-resistant, fast setting repair mortar for general concrete repair, re-profiling, underlayments, formwork, repair of roads, precast industry, for indoors and outdoors, also in wet areas, for layer thickness from 10 mm - 150 mm. Ideal for floor repairs > 15 mm with high abrasive load. MORTAR MIX SVS 5 includes hard aggregates acc. to DIN 1100 group A, is non-shrink, fast-setting, durable, high-strength and can be applied without bonding compound.	approx. 2,0 kg/m²/mm	25 kg paper bag

10. Rapid Set

KORODUR is exclusive license partner for production and sales of Rapid Set products in Europe

product	consumption	packaging
10.5 CONCRETE MIX Multipurpose, mineral, high quality very fast setting concrete for general concrete repair, re-profiling, construction of food paths, roads, concrete and machinery foundations, anchoring, formed works, precast industry, for indoors and outdoors also for wet areas, for layer thickness from 50 mm - 600 mm. CONCRETE MIX is non-shrink, fast setting, durable, high-strength and can be applied without bonding compound.	approx. 2,0 kg/m²/mm	25 kg paper bag
10.6 DOT Europe CONCRETE MIX High-performance, polymer-modified, fast-setting, fiber reinforced repair concrete, for indoors and outdoors. DOT Europe CONCRETE MIX, acc. to DIN EN 1504-3 can be used for structural and general repairs. Ideal where rapid strength, durability and low shrinkage setting are required. DOT Europe CONCRETE MIX can be applied in thickness from 50 mm - 600 mm and is ready for stress already after 1 hour.	approx. 2,0 kg/m²/mm	25 kg paper bag
10.7 FAST Additive to accelerate the setting time of Rapid Set Mortars. Ideal for cold weather applications and projects that require the fastest setting times. Packed in proportioned packets	1 to max. 4 packets per 25 kg Rapid Set repair mortar	item
10.8 FLOW Control Additive to improve the fluidity of Rapid Set repair mortars. Achieves higher final strengths due to decrease of mix water. Packed in proportioned packets	1 to max. 4 packets per 25 kg Rapid Set repair mortar	item
10.9 SET Control Additive to slow down the setting time of Rapid Set repair mortars. Recommendable at high processing temperature or large placements. Packed in proportioned packets	1 to max. 4 packets per 25 kg Rapid Set repair mortar	item
10.10 Pigment Dark Rapid Set DARK is a pigment additive that darkens the colour of cementitious Rapid Set products. Depending on the desired shade, up to 4 packets can be used per 25 kg Rapid Set repair mortar.	1 to max. 4 packets per 25 kg Rapid Set repair mortar	item
10.11 Pigment Light Rapid Set LIGHT is a pigment additive that lightens the colour of cementitious Rapid Set products. Depending on the desired shade, up to 4 packets can be used per 25 kg Rapid Set repair mortar.	1 to max. 4 packets per 25 kg Rapid Set repair mortar	item
10.12 Asphalt Repair Mix ASPHALT REPAIR MIX is a fast-setting, polymer-modified asphalt repair material based on special cement technology. Ideal for fast, easy and durable repair of potholes in asphalt as well as for the repair of road damage, frost heave, property and garage entrances, car parks, footpaths, industrial traffic areas etc. Reopening to traffic after 3 hours only.	approx. 2,0 kg/m²/mm	25 kg paper bag
10.13 LevelFlor High quality, innovative, on special cement based self-leveling underlayment for indoor use. LevelFlor is fast-setting and designed as underlayment screed.	approx. 1,7 kg/m²/mm	25 kg paper bag

11. Special mortars

product	type	consumption	packaging
11.1 NEODUR grouting mortar / concrete Non-shrink grouting mortar resp. concrete in grain sizes 0/1, 0/3, or 0/8 mm. For full bond grouting works, for grouting underneath of machines, concrete and steel components.	**VM 1/3 / VB 8** Quality C80/C95	yield per unit approx. 12-13 ltr	25 kg paper bag
11.2 NEODUR grouting mortar Non-shrink grouting concrete acc. to DAfStb guideline VeBMR. Grain size 0-5 mm. For full bond grouting works, for grouting underneath of machines, concrete and steel components.	**VM 5** Quality C80/C95	yield per unit approx. 12-13 ltr	25 kg paper bag
11.3 NEODUR grouting mortar Non-shrink grouting concrete acc. to DAfStb guideline VeBMR. Grain size 0-5 mm. For full bond grouting works, for grouting underneath of machines, concrete and steel components.	**VM basic** Quality C60/C75	yield per unit approx. 12-13 ltr	25 kg paper bag
11.4 NEODUR fast grouting mortar Non-shrink fast-setting grouting mortar for fast fixing and grouting works exposed to high early stress.	**SVM 03** DF 1h ≥ 7 N/mm² 28d ≥ 40 N/mm²	yield per unit approx. 12-13 ltr	25 kg paper bag
11.5 NEODUR microsilica-shotcrete mortar/concrete For dry shotcreting procedure for new construction and repair works.	**MSM 3/5** **MSB 8** DF ≥ 40 N/mm²	yield per unit approx. 12 ltr	25 kg paper bag
11.6 NEODUR pavement joint mortar Easyfix One-component, ready to use, vacuum-packed paving joint grout. Easy to process, for pointing and repair of paving areas. For pedestrian areas such as terraces, walkways etc.	**PFM 1-K Easyfix**	depending on joint size	25 kg unit
11.7 NEODUR pavement joint mortar ZE Cementitious special mortar for the pointing of natural and cast stone pavements in fix construction. For medium and heavy stress.	**PFM ZE grey**	depending on joint size	25 kg paper bag

12. MICROTOP (drinking water facilities - repair)

product	type	consumption	packaging
12.1 MICROTOP TW 02 natural **MICROTOP TW 02 white** **MICROTOP TW 02 blue** Pure mineral, micro-silica-modified thin coat mortar for drinking water facilities. Installation thickness approx. 2 mm - 5 mm. TW 02 is suitable for shotcrete or manual application.	**TW 02**	yield per unit approx. 15 ltr	25 kg paper bag
12.2 MICROTOP TW BM natural **MICROTOP TW BM white** Coating mortar for the **lining** of drinking water facilities and tubing as well as in other drinking water technical plants. Installation thickness 3 mm - 8 mm. TW BM is suitable for shotcrete or manual application.	**TW BM**	yield per unit approx. 14 ltr	25 kg paper bag
12.3 MICROTOP TW VSM Mineral pre-shotcrete mortar for the drinking water section, specially for the repair of old facilities. Installation thickness approx. 15 mm - 20 mm. TW VSM is suitable for shotcrete or manual application.	**TW VSM**	yield per unit approx. 14 ltr	25 kg paper bag
12.4 MICROTOP TW 3 natural **MICROTOP TW 3 white** Pure mineral, micro-silica-modified shotcrete mortar for dry-mix shotcreting procedure (thin flow) in the drinking water section for thick coats. Installation thickness approx. 9 mm - 15 mm. TW 3 can also be applied manually.	**TW 3**	yield per unit approx. 12 ltr	25 kg paper bag
12.5 MICROTOP TW 5 Pure mineral, micro-silica-modified shotcrete mortar for dry-mix shotcreting procedure (thin flow) in the drinking water section for thick coats. Installation thickness approx. 10 mm - 25 mm. TW 5 can also be applied manually.	**TW 5**	yield per unit approx. 12 ltr	25 kg paper bag
12.6 MICROTOP TW 8 Pure mineral, micro-silica-modified shotcrete mortar for dry-mix shotcrete procedure in the drinking water section for thick coats. Installation thickness approx. 25 mm. For the re-profiling of ceilings and spalls. For smaller surfaces TW 8 can also be applied manually.	**TW 8**	yield per unit approx. 12 ltr	25 kg paper bag
12.7 MICROTOP TW NSM natural **MICROTOP TW NSM white** **MICROTOP TW NSM blue** Pure mineral, micro-silica-modified shotcrete mortar for wet-mix shotcreting procedure in the drinking water section for thick coats. Installation thickness up to approx. 20 mm. TW NSM can also be applied manually.	**TW NSM**	yield per unit approx. 12 ltr	25 kg paper bag
12.8 MICROTOP TW Mineral Liquid, silicate-based surface-modification material designed for the consolidation of mineral building materials and porous sub-bases (silicifying reaction).	**TW Mineral**	consumption approx. 150-250 g/m²	30 kg unit

General Terms of Sale and Delivery

KORODUR International GmbH (KORODUR)

1. Validity of the Terms and Conditions

1.1 Deliveries and services are provided exclusively according to the Terms and Conditions of KORODUR International GmbH, hereinafter referred to as KORODUR. They form an integral part of customer orders and are deemed to have been accepted upon placement of the orders. In the case of ongoing business relationships, they shall also apply to future contracts. Any deviating or conflicting terms and conditions of our customers shall only apply if KORODUR has expressly agreed to their validity in writing. If the customer does not agree with this, KORODUR must be notified immediately in writing. In cases of this nature, KORODUR reserves the right to withdraw its quotations without it being possible to assert claims of any kind against KORODUR. Where deliveries are subject to foreign trade obligations, the customer shall take responsibility for complying with all relevant provisions. The customer shall obtain any licences or approval required.

1.2. These General Terms and Conditions of Sale and Delivery are exclusively valid for legal transactions into which KORODUR enters with businesses, i.e. with natural or legal persons or partnerships with legal capacity acting in the course of a commercial or self-employed professional activity. In the case of legal transactions with consumers who are not engaged in a commercial or self-employed professional activity, however, these General Terms and Conditions of Sale and Delivery do not apply.

2. Quotations and Conclusion of Contracts

2.1 Unless expressly agreed otherwise, quotations are subject to change, non-binding and valid subject to the availability of materials. Modifications and additions require written confirmation. Prices are only deemed to be fixed prices if this is expressly agreed in individual cases.

2.2 Samples given to the customer are to be regarded as approximate illustrations of dimensions, weight, grade, quality and colour/shades, and do not bind KORODUR even if the order is placed with reference to samples given. This also applies to all documents made available to the customer (illustrations, drawings, weight and dimensional specifications) unless they have been expressly designated as binding. Deviations are permissible in accordance with technical standards or established practice; KORODUR expressly reserves the right to make any modifications that are technically necessary.

2.3 The parties agree that all agreements to be made are to be in writing. There are no verbal (deviating) ancillary agreements. In each individual case, they require written confirmation to be valid. Unless expressly agreed otherwise, using an email sent to an email address already used by the other party in the contractual relationship is sufficient to meet the written form requirement, such as in the case of notices of termination. Furthermore, the written form requirement cannot be waived by email. KORODUR's employees are not authorised to enter into verbal ancillary agreements or to make verbal assurances that deviate from a quotation that has been submitted in writing or from a contract concluded in writing. The date on which the (email) communication is received by the receiving party shall be decisive for any deadline being met.

2.4 Any samples, analyses, instructions for use and similar documents will remain KORODUR's property and shall be treated confidentially. These items as well as any advertising material shall be returned to KORODUR upon request.

3. Prices

3.1 The prices given in KORODUR's quotations and order confirmations are net prices and only remain valid for as long as the underlying KORODUR price lists and General Terms and Conditions of Sale and Delivery apply. They do not include value-added tax, which is shown separately in the invoice at its statutory rate on the date of billing.

3.2 In all cases where the material or product specification is subject to modifications because the documentation or samples provided by the customer did not correspond to the actual situation or were incomplete, for example, KORODUR may adjust the prices appropriately according to the costs incurred, even after the contract has been concluded.

3.3 KORODUR's prices are ex works unless expressly agreed otherwise in writing. They do not include freight charges, costs of special packaging, pallets and shrink wrapping, or any other costs, fees and charges arising from the dispatch. Deliveries are packed exclusively on the customer's instructions and at the customer's expense. Upon request, the packaging material is to be returned immediately with carriage and charges paid by the sender.

4. Deliveries

4.1 With regard to the scope of the delivery and service, the written confirmation of the order alone is decisive. (Minor) technical changes or improvements are permitted until the time the goods are dispatched. In particular, technical changes are permitted if they could not have been anticipated at the time the contract was concluded and have a positive effect on the provision of the agreed scope of services.

4.2 In the case of call-off orders, KORODUR needs to have received the customer's notice to delivery by at least 10 days prior to the requested delivery date.

4.3 In the case of deliveries free building site or free warehouse, the delivery will only be made on condition that there is an access route suitable for road lorries. Unloading is the customer's responsibility and must be carried out properly and immediately as soon as the delivery arrives. The customer is to reimburse KORODUR for costs incurred as a result of waiting times.

4.4 Any delays in delivery caused by the customer's failure to provide certificates/approvals or technical commitments relating to the product (in good time), force majeure, strikes, unforeseeable operational disruptions, restrictions in the supply of raw materials, other materials and energy necessary for the production of the sales item, lack of cargo space and other circumstances beyond KORODUR's control shall release KORODUR from the obligation to deliver for the duration of such circumstances and justify a reasonable change of the delivery dates. In such cases, the customer is entitled to refuse to accept the delayed deliveries after a reasonable grace period has expired. Beyond that, the customer shall have no claims against KORODUR in the cases mentioned.

4.5 KORODUR is entitled to meet its contractual obligations by means of partial deliveries.

4.6 If KORODUR is in default and the customer suffers a loss as a result, the customer shall be entitled to claim lump-sum compensation for the delay. This shall amount to 0.5% for each full week of delay, but in its totality shall not exceed 5% of the value of that part of the total delivery which cannot be used on time or in accordance with the contract as a result of the delay. If KORODUR is in default and the customer grants KORODUR a reasonable deadline to fulfil its obligations, taking the statutory exceptions into account, and if this deadline is not met, the customer shall be entitled to withdraw from the contract in accordance with the statutory provisions. Claims for damages to which the customer is entitled as a result of a delay in delivery as well as claims for damages in lieu of performance which exceed the limits specified here are excluded in all cases of delayed delivery, even after the expiry of any delivery deadline that KORODUR may have set, subject to the restrictions set out in clauses 9 and 10.

5. Place of performance, passing of risk, dispatch

5.1 For all performance provided by KORODUR, the place of performance is KORODUR's registered office.

5.2 The risk of accidental loss or accidental deterioration of the sales item shall pass to the customer upon handover to the customer or the carrier. This shall apply even if KORODUR arranges the transport on the customer's behalf or carries out the transport itself.

5.3 The risk shall also pass to the customer if the agreed delivery date has expired due to the fault of the customer or if the product is not collected within seven days after receipt of the notice that the product is ready for dispatch.

5.4 In the event that the customer has not given any particular instructions, KORODUR may choose the forwarding agent and/or carrier as well as the means of transport.

5.5 It is the customer's responsibility to take out transport insurance or other insurance. Regardless of this, the customer must report any transport damage immediately upon delivery in writing and notify the carrier at the time of delivery. Claims cannot be made for breakage and loss in transit that is customary in the trade.

6. Terms of payment

6.1 Invoices are payable without deduction on the dates agreed in the contract or no later than within 30 days of the due date and receipt of the invoice, an equivalent statement of account or receipt of the delivery or services. Once these 30 days have elapsed, the debt will automatically be in arrears.

6.2 If the customer fails to settle an invoice in time, all of KORODUR's outstanding claims will become due immediately, irrespective of the payment dates agreed. In addition, KORODUR is entitled to suspend any outstanding deliveries until all outstanding invoices have been settled and to require payment in advance for such deliveries.

6.3 The customer may not set-off counter-claims, unless such counter-claims are due and undisputed or have been determined by a final court decision. The same applies to the exercise of rights of retention.

6.4 KORODUR is entitled to allocate payments made by the customer in accordance with its own provisions for allocation, notwithstanding sections 366 and 367 of the German Civil Code (BGB).

7. Retention of title

7.1 All deliveries and services are subject to retention of title. The title does not pass to the customer until the customer has settled all outstanding liabilities arising from its business relationship with KORODUR at the time of payment. In the case of an open account, retention of title shall serve as security for KORODUR's outstanding balance.

7.2 If the goods delivered with retention of title are treated or processed, KORODUR shall be the producer as defined by law (section 950 of the German Civil Code), though without assuming any producer liabilities, however. KORODUR is entitled to proportionate coownership of the new item in the ratio of the value of the goods supplied by KORODUR to the value of the other processed products at the time of processing.

7.3 In the event that goods supplied subject to retention of title are combined with or mixed into an item belonging to the customer or a third party, KORODUR shall acquire, in the customer's place, proportionate co-ownership of the new item in the ratio of the value of the relevant goods supplied by KORODUR to the value of the other goods affected by the combination or mixing. Any claims to which the customer is entitled against a third party in the event of a legal transfer of title to that third party are hereby assigned to KORODUR in advance. KORODUR accepts this assignment.

7.4 The customer is authorised to resell the goods delivered subject to retention of title in the ordinary course of business, provided that it also reserves title to the goods subject to retention of title until its claim arising from the resale has been paid in full. It shall assign to KORODUR, in advance, the principal portion of its claims arising from authorised and unauthorised resale which corresponds to the invoice price (including VAT) of the goods supplied by KORODUR. KORODUR shall be given the names and addresses of the purchasers as well as the amount of the respective claim upon first request. The customer is authorised to collect the claims assigned to KORODUR for as long as it duly meets its payment obligations to KORODUR and KORODUR does not revoke this authorisation on any other justified grounds. KORODUR hereby accepts the advance assignments stipulated in this provision.

7.5 Until the goods supplied subject to retention of title or the new item created through combination, mixing, treatment or processing have been properly utilised, the customer must store them separately from other items. It shall bear all costs and expenses required for their maintenance during this period and shall be liable towards KORODUR for any deterioration. The goods are to be sufficiently insured against damage, loss and destruction to an extent that is economically reasonable. Written proof of this is to be furnished at KORODUR's request. The customer hereby assigns to KORODUR its claims for compensation arising from damage of this kind against insurance companies or other third parties liable for compensation, up to the amount of KORODUR's claim. KORODUR hereby accepts the assignment.

7.6 No pledging or transfer of ownership by way of security is permitted with regard to the goods purchased or the new item created. The customer must notify KORODUR immediately of any attachments or other encroachments on KORODUR's property by third parties and must take appropriate measures to prevent these.

7.7 If the customer acts in breach of contract, especially in the event of late payment, KORODUR shall be entitled to withdraw from the contract and to take back the goods subject to retention of title.

7.8 KORODUR undertakes to release collateral at the customer's request to the extent that the realisable value of such collateral exceeds the claims to be secured by more than 10 per cent; KORODUR shall be entitled to select the collateral to be released.

8. Notification of defects

8.1 The customer shall inspect the goods upon delivery and notify the supplier of any visible defects without delay, but no later than 14 days after receiving the delivery. If the customer does not report a defect in writing within this period, the goods shall be deemed to have been accepted.

8.2 Any defects that are not immediately apparent must be reported in writing as soon as they are discovered, but no later than 14 days after discovery. If the customer does not report the defect discovered in writing within this period, the goods shall be deemed to have been accepted.

8.3 The customer shall enable KORODUR to carry out an appropriate inspection of any defects reported and shall, without the need for a separate request, provide KORODUR with all the necessary technical information free of charge, particularly inspection, application and load test records and test reports. If the customer fails to do this, the goods shall be deemed to have been accepted without complaint. If the customer alters the goods supplied by carrying out any work whatsoever that has not previously been approved by KORODUR or carries out repair work without KORODUR's prior consent, the customer shall forfeit its rights to any claim for defects.

9. Liability for material defects

9.1 In the case of material defects, KORODUR shall repair, replace or subsequently perform any parts of the delivery or service that exhibit a material defect within the limitation period and shall do so at its discretion and free of charge provided that that defect already existed at the time of the passing of risk.

9.2 First of all, KORODUR must always be given the opportunity to carry out any rectifications and replacement deliveries which seem to be required; this is agreed between the contracting parties; otherwise, KORODUR shall be exempt from liability and any resulting consequences. The customer shall only have the right to remedy the defect itself or have it remedied by a third party and to claim reimbursement of the necessary expenses from KORODUR in urgent cases, in cases where the operational safety is at risk and in order to prevent damage that is disproportionately serious - in which case KORODUR is to be notified immediately.

9.3 As a general rule, rectification is deemed to have failed after the second unsuccessful attempt. This shall not apply if complex interactions between the goods supplied and the environmental conditions constitute part of the contract in individual cases. In that case, KORODUR is entitled to make further attempts to rectify the defect - at least two further rectifications, however. If the rectification subsequently fails, the customer may withdraw from the contract without prejudice to any other claims for compensation if KORODUR has been set a reasonable deadline for the rectification or replacement delivery but has failed to meet that deadline and no result is yielded.

9.4 If the defect is only minor, the customer is only entitled to a reduction in price. Otherwise, the right to a price reduction is excluded.

9.5 Furthermore, no claims for defects shall arise in the case of damage that occurs after the passing of risk as a result of incorrect or negligent handling, excessive strain, the use of unsuitable operating materials, defective construction work, unsuitable ground for construction, chemical, biochemical or other adverse influences, an unsuitable usage location, lack of stability or as a result of natural and weather-related influences or due to other external influences not provided for in the contract. If the customer or a third party engaged by the customer carries out any unauthorised modifications, rectifications or other repair work, no claims may be made with regard to the resulting consequences. The same applies to any modifications made to the goods supplied without KORODUR's prior consent.

9.6 The customer shall not be entitled to any rights in the event of defects unless KORODUR expressly assumes responsibility for the compatibility of the goods supplied with third-party products; nor shall such rights apply in the event of malfunctions or faults caused by defects of any kind in third-party products not supplied by KORODUR or by their lack of compatibility with the goods supplied.

9.7 Specifications provided in product data sheets and/or technical data sheets for use and processing are based on tests performed by KORODUR based on ideal laboratory conditions and the abovementioned technical regulations. The respective specifications therefore do not represent directions for application or a quality agreement in terms of section 434(1) of the German Civil Code, instructions in terms of section 434(2) sentence 2 of the German Civil Code or a warranty for practical use. Because of the varying conditions on different construction sites, firms are required to carry out their own tests and suitability tests before each use. KORODUR shall not be obliged to give any instructions or advice to the customer with respect to the use of the material and the application.

9.8 The customer must specifically inform KORODUR of any characteristics of the goods to be supplied to which it attaches particular importance. For the purposes of these provisions, a defect shall not be deemed to exist under the General Terms and Conditions of Sale and Delivery if the customer has not provided corresponding notification and the characteristics in question are such that they cannot reasonably be expected by the customer given the nature of the sales item.

9.9 KORODUR shall bear the costs incurred as a result of the rectification/replacement delivery including dispatch and reasonable costs of removal and installation. The customer shall have no claim regarding the costs incurred in connection with subsequent performance if such costs rise because the goods delivered have subsequently been moved to a different location from the customer's place of business.

9.10 Any further claims by the customer against KORODUR arising from a material defect are excluded unless otherwise provided for in these General Terms and Conditions.

10. Limitation of liability

10.1 Claims for damages against KORODUR shall be excluded. This does not include claims for damages arising from injury to life, limb or health or from the breach of essential contractual obligations (cardinal duties), or liability for other damages based on a deliberate or grossly negligent breach of duty by KORODUR, its legal representatives or vicarious agents. Fundamental contractual obligations are those that must be met in order to achieve the objective of the contract.

10.2 In the case of a breach of essential contractual obligations, the provider is only liable for damage that is foreseeable and typical of the contract if this was caused by simple negligence, unless the customer's claim for damages arises from injury to life, limb or health.

10.3 The limitations of clauses 1 and 2 above shall also apply to the benefit of KORODUR's legal representatives and vicarious agents if claims are directly asserted against them.

10.4 The provisions of the German Product Liability Act (ProdHaftG) shall remain unaffected.

11. Limitation period

Any claims by the customer against KORODUR, particularly those arising from defects, shall be subject to a limitation period of 12 months from the date of delivery; otherwise, the limitation period shall commence on the date of the legal fiction of acceptance (section 640(1) of the German Civil Code), the date of notification that the goods are ready for delivery, the date of notification that the goods are ready for acceptance or the date of the customer's default in acceptance. This shall not apply if the item supplied is an item which, in accordance with its normal use, has been used in a building and has caused the unsoundness of the building or in the case of construction defects pursuant to sections 438(1) sentence 2 and 634a(1) sentence 2 of the German Civil Code or where the defect is attributable to an intentional breach of duty by KORODUR or its legal representatives or vicarious agents.

12. Applicable law

German law shall apply to all legal relationships between the customer and KORODUR, to the exclusion of the UN Convention on Contracts for the International Sale of Goods (CISG) of 11 April 1980.

13. Place of jurisdiction

The exclusive place of jurisdiction for all disputes arising out of or in connection with these General Terms and Conditions of Sale shall be the competent court at KORODUR's registered office. However, KORODUR is also entitled to take legal action at the customer's registered office.

per October 2026

per October 2026

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

NEODUR Industrieboden - Farbkarte

NEODUR industrial floor – colour chart / NEODUR sols industriels – nuancier de couleurs

Stand / per / mise à jour 10/2026

grauweiß IV / 9002
grey white, blanc off

lichtgrau III / 7035
light grey, gris clair

alugrau I / 705
alu grey, gris alu



signalgrau II / 746
signal grey, gris de sécurité



basaltgrau I / 1043
basalt grey, gris français



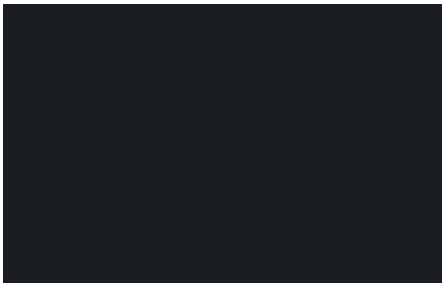
quarzgrau II / 7039
quartz grey, gris souris



anthrazit I / 1216
anthracite, anthracite



schwarz II / 1217
black, noir



elfenbein IV / 1014
ivory, ivoire

gelb III / 820
yellow, jaune



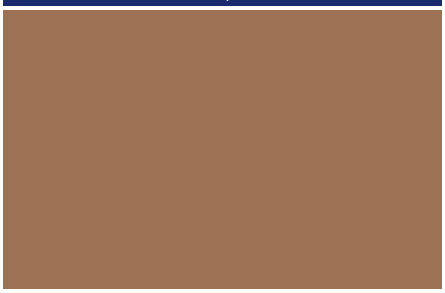
orange II / 1450
orange, chamois



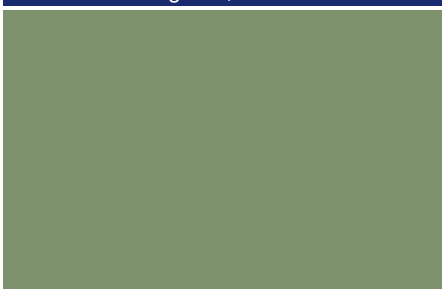
rot II / 1350
red, rouge



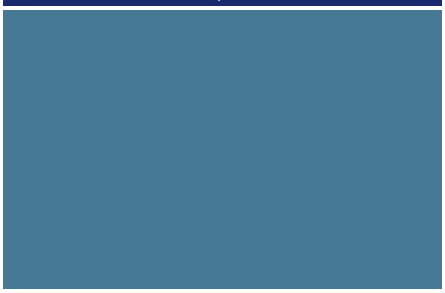
braun I / 213b
brown, brun



grün V / 1583
green, vert



blau VI / 1178
blue, bleu



NEODUR Industrieboden - Farbkarte

NEODUR industrial floor – colour chart / NEODUR sols industriels – nuancier de couleurs

HINWEIS

Bedingt durch die drucktechnische Darstellung sind Abweichungen zum Originalfarbton möglich. Rohstoffbedingt sind Farbschwankungen zwischen Lieferungen nicht auszuschließen. Wir empfehlen vorher eine Probefläche anzulegen. Farbige Produkte werden auftragsbezogen hergestellt, Mindestabnahmemenge 1.200 kg.

Bei der Verarbeitung von hellen Farbtönen ist darauf zu achten, dass folgende Parameter die finale Farbgebung des Industriebodens beeinflussen:

- Tragbeton
- Wasserzementwert
- klimatische Bedingungen
- Glättleistung (mit Kunststoffflügeln)
- Nachbehandlung

REMARK

The printed colour may deviate from the original colour shades due to typographical presentation. Colour variations between deliveries cannot be ruled out due to the raw materials. Test areas are recommended. Coloured products are produced according to order volumes. The minimum order quantity is 1,200 kg.

On processing light colour shades it is to be taken into account that the following parameters have an impact on the final colouring of industrial floors:

- base concrete
- water cement ratio
- climatic conditions
- trowelling performance (with plastic blades)
- curing

INDICATION

Des écarts de coloration par rapport à la teinte d'origine sont possibles du fait de la technique d'impression. Les durcisseurs colorés sont fabriqués à la demande. La quantité minimum de commande est de 1.200 kg (nota : les conditions énoncées diffèrent légèrement en France).

Lors de la mise en œuvre de couleurs claires, il faut noter que les paramètres ci-dessous peuvent influencer la teinte finale du sol :

- béton support
- rapport eau/ciment
- conditions climatiques
- performances de lissage (pales en plastique)
- méthode/produit de cure



KORODUR 0/4

per 10/2026

mineral hard aggregate for KORODUR industrial floors

DESCRIPTION

KORODUR 0/4 is a mineral hard aggregate acc. to DIN 1100 (coating group A) for the production of cementitious hard aggregate screeds acc. to DIN 18560-7 and DIN EN 13813 as well as for the production of industrial floors in dry-shake procedure acc. to DIN 18560-3.
KORODUR 0/4 is mixed with cement and optionally with the additive KOROTAN (see data sheet).

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.
Indoors and outdoors.

PROPERTIES

- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- electrostatically non-chargeable
- chloride-free
- pumpable
- consistent quality ensured by quality assurance acc. to DIN 1100

TECHNICAL DATA

Test values measured on defined specimen as ready mixed hard aggregate screed with binding agent acc. to DIN 18560-7 resp. EN 13813

Quality	CT-C70-F10-A6		
Coating group acc. to DIN 1100	A		
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 5,0 cm³/50 cm²		
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C70		
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F10		
Temperature processing, ambient and sub-base temperature	≥ 5 °C		
Hard aggregate consumption layer mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR 0/4	**group A** I (heavy) II (medium) III (light)	**nominal thickness** 15 mm 10 mm 8 mm	**mixing ratio 1:2** approx. 21 kg/m² approx. 14 kg/m² approx. 12 kg/m²
Material consumption dry-shake mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR 0/4	**dry mix** KORODUR 0/4 hard aggregate cement (CEM I 42,5 R)		**consumption** approx. 3,0 kg/m² approx. 1,5 kg/m²

According to quality assurance, KORODUR 0/4 meets all requirements.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

Layer
When processing as hard aggregate screed acc. to DIN 18560-7, KORODUR 0/4 is mixed in the above mixing ratio with cement, if specified, additives and water in pan type mixer for approx. 3 minutes, depending on the processing method. For further processing, please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 65.

Dry-shake
When processing in dry-shake method acc. to DIN 18560-3/4, KORODUR 0/4 is dry mixed in the above mixing ratio. For further processing please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 3.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
The KORODUR hard aggregate layer must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the KORODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR VS 0/5

per 10/2026

mineral hard aggregate for KORODUR industrial floors

DESCRIPTION

KORODUR VS 0/5 is a mineral hard aggregate acc. to DIN 1100 (coating group A) for the production of cementitious hard aggregate screeds acc. to DIN 18560-7 and DIN EN 13813 as well as for the production of industrial floors in dry-shake procedure acc. to DIN 18560-3.
KORODUR VS 0/5 is mixed with cement and optionally with the additive KOROTAN (see data sheet).

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.
Indoors and outdoors.

PROPERTIES

- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 1100

TECHNICAL DATA

Test values measured on defined specimen as ready mixed hard aggregate screed with binding agent acc. to DIN 18560-7 resp. EN 13813	
Quality	CT-C70-F10-A6
Coating group acc. to DIN 1100	A
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 5,0 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C70
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F10
Temperature processing, ambient and sub-base temperature	≥ 5 °C

Hard aggregate consumption layer	**group A** I (heavy) II (medium) III (light)	**nominal** thickness 15 mm 10 mm 8 mm	Mixing ratio 1 weight unit cement : 2 - 3 weight units VS 0/5* 21 - 24 kg/m² KORODUR VS 0/5 14 - 16 kg/m² KORODUR VS 0/5 12 - 13 kg/m² KORODUR VS 0/5

According to quality assurance, KORODUR VS 0/5 meets all requirements. *) depending on site conditions

PROCESSING

Layer
When processing as hard aggregate screed acc. to DIN 18560-7, KORODUR VS 0/5 is mixed in the above mixing ratio with cement, if specified, additives and water in pan type mixer for approx. 3 minutes, depending on the processing method. For further processing, please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 65.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
The KORODUR hard aggregate layer must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the KORODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR WH-special

per 10/2026

mineral hard aggregate for KORODUR industrial floors

DESCRIPTION

KORODUR WH-special is a mineral hard aggregate acc. to DIN 1100 (coating group A) for the production of cementitious hard aggregate screeds acc. to DIN 18560-7 and DIN EN 13813 as well as for the production of industrial floors in dry-shake procedure acc. to DIN 18560-3. KORODUR WH-special is particularly impact resistant. Although classified in group A, wear resistance values of 3 cm³/50 cm² as per group M are achieved.
KORODUR WH-special is mixed with cement and optionally with the additive KOROTAN (see data sheet).

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.
Indoors and outdoors.

PROPERTIES

- highly wear resistant also under heaviest stress
- high impact resistance
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 1100

TECHNICAL DATA

Test values measured on defined specimen as ready mixed hard aggregate screed with binding agent acc. to DIN 18560-7 resp. EN 13813			
Quality	CT-C70-F10-A3		
Coating group acc. to DIN 1100	A		
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 3,0 cm³/50 cm²		
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C70		
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F10		
Temperature processing, ambient and sub-base temperature	≥ 5 °C		
Hard aggregate consumption layer mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR WH-special	**group A** I (heavy) II (medium) III (light)	**nominal thickness** 15 mm 10 mm 8 mm	**mixing ratio 1:2** approx. 22 kg/m² approx. 15 kg/m² approx. 13 kg/m²
Material consumption dry-shake mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR WH-special	**dry mix** KORODUR WH-special cement (CEM I 42,5 R)		**consumption** approx. 3,0 kg/m² approx. 1,5 kg/m²

According to quality assurance, KORODUR WH-special meets all requirements.

PROCESSING

Layer
When processing as hard aggregate screed acc. to DIN 18560-7, KORODUR WH-special is mixed in the above mixing ratio with cement, if specified, additives and water in pan type mixer for approx. 3 minutes, depending on the processing method. For further processing, please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 65.

Dry-shake
When processing in dry-shake method acc. to DIN 18560-3/4, KORODUR WH-special is dry mixed in the above mixing ratio. For further processing please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 3.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
The KORODUR hard aggregate layer must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the KORODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR WH-metallic

per 10/2026

metallic hard aggregate for KORODUR industrial floors

DESCRIPTION

KORODUR WH-metallic is a metallic hard aggregate acc. to DIN 1100 (coating group M) for the production of cementitious hard aggregate screeds acc. to DIN 18560-7 and DIN EN 13813 as well as for the production of industrial floors in dry-shake procedure acc. to DIN 18560-3.
KORODUR WH-metallic is mixed with cement and optionally with the additive KOROTAN (see data sheet).

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.
Specially qualified for stress by heavy iron wheel traffic, rolling and impact stress by hard deposit of sharp-edged work pieces etc. Used for the production of so-called “armored screeds”. Indoors and outdoors.

PROPERTIES

- highly wear resistant also under heaviest stress
- high impact resistance
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 1100

TECHNICAL DATA

Test values measured on defined specimen as ready mixed hard aggregate screed with binding agent acc. to DIN 18560-7 resp. EN 13813			
Quality	CT-C80-F11-A3		
Coating group acc. to DIN 1100	M		
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 3,0 cm³/50 cm²		
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C80		
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F11		
Temperature processing, ambient and sub-base temperature	≥ 5 °C		
Hard aggregate consumption layer mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 3 weight units KORODUR WH-metallic	**group M** I (heavy) II (medium)	**nominal thickness** 8 mm 6 mm	**mixing ratio 1:3** approx. 21 kg/m² approx. 16 kg/m²
Material consumption dry-shake mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR WH-metallic	**dry mix** KORODUR WH-metallic cement (CEM I 42,5 R)		**consumption** approx. 4,0 kg/m² approx. 2,0 kg/m²

According to quality assurance, KORODUR WH-metallic meets all requirements.

PROCESSING

Layer
When processing as hard aggregate screed acc. to DIN 18560-7, KORODUR WH-metallic is mixed in the above mixing ratio with cement, if specified, additives and water in pan type mixer for approx. 3 minutes, depending on the processing method. For further processing, please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 65 metallic.

Dry-shake
When processing in dry-shake method acc. to DIN 18560-3/4, KORODUR WH-metallic is dry mixed in the above mixing ratio. For further processing please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 3 metallic.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
The KORODUR hard aggregate layer must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the KORODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

50 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR Diamond Concrete

per 10/2026

top grade hard aggregate for KORODUR industrial floors

DESCRIPTION

KORODUR Diamond Concrete is a hard aggregate acc. to DIN 1100 (coating group KS) for the production of cementitious hard aggregate screeds acc. to DIN 18560-7 and DIN EN 13813 as well as for the production of industrial floors in dry-shake procedure acc. to DIN 18560-3.
KORODUR Diamond Concrete is mixed with cement and optionally with the additive KOROTAN (see data sheet).

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses, other industrial areas subjected to most severe stress and other industrial areas with highest possible wear resistance. Indoors and outdoors.

PROPERTIES

- highly wear resistant also under heaviest stress
- highest possible wear resistance
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 1100

TECHNICAL DATA

Quality	CT-C70-F10-A1,5		
Coating group acc. to DIN 1100	KS		
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 1,5 cm³/50 cm²		
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C70		
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F10		
Temperature processing, ambient and sub-base temperature	≥ 5 °C		
Hard aggregate consumption layer mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR Diamond Concrete	**group KS** I (heavy) II (medium) III (light)	**nominal thickness** 6 mm 5 mm 4 mm	**mixing ratio 1:2** approx. 9,5 kg/m² approx. 8,0 kg/m² approx. 6,5 kg/m²
Material consumption dry-shake mixing ratio in weight units 1 weight unit cement (CEM I 42,5 R) : 2 weight units KORODUR Diamond Concrete	**dry mix** KORODUR Diamond Concrete cement (CEM I 42,5 R)		**consumption** approx. 3,0 kg/m² approx. 1,5 kg/m²

According to quality assurance, KORODUR Diamond Concrete meets all requirements.

PROCESSING

Layer
When processing as hard aggregate screed acc. to DIN 18560-7, KORODUR Diamond Concrete is mixed in the above mixing ratio with cement, if specified, additives and water in pan type mixer for approx. 3 minutes, depending on the processing method. For further processing, please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 65.

Dry-shake
When processing in dry-shake method acc. to DIN 18560-3/4, KORODUR Diamond Concrete is dry mixed in the above mixing ratio. For further processing please refer to the relevant sections on sub-base, processing, after-treatment, joints as per the data sheet for NEODUR HE 3.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
The KORODUR hard aggregate layer must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the KORODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

30 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 65

per 10/2026

mineral hard aggregate screed
for topping of concrete areas for heavy-duty stress

DESCRIPTION

NEODUR HE 65 is a ready to use cementitious hard aggregate screed on the basis of KORODUR hard aggregates in the following qualities
- NEODUR HE 65
- NEODUR HE 65 SVS 3
- NEODUR HE 65 SVS 1,5

Processing in one layer as bonded screed for heaviest stress demands acc. to DIN 18560-7.
Also available in colour, see KORODUR colour chart.

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.

PROPERTIES

- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost resistant
- electrostatically non chargeable
- chloride-free
- pumpable
- consistent quality ensured by quality assurance acc. to DIN 13813

TECHNICAL DATA

Quality	NEODUR HE 65 NEODUR HE 65 SVS 3 NEODUR HE 65 SVS 1,5	CT-C70-F9-A6 CT-C70-F9-A3 CT-C70-F9-A1,5
Granulometry	all qualities	0-5 mm
Colour	all qualities	cement grey
Reaction to fire	A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	NEODUR HE 65 NEODUR HE 65 SVS 3 NEODUR HE 65 SVS 1,5	≤ 5,0 cm³/50 cm² ≤ 3,0 cm³/50 cm² ≤ 1,5 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	C70
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	F9
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water addition	NEODUR HE 65 NEODUR HE 65 SVS 3 NEODUR HE 65 SVS 1,5	approx. 2,75 l/25 kg bag
Material consumption per m² / per mm layer thickness	NEODUR HE 65 NEODUR HE 65 SVS 3 NEODUR HE 65 SVS 1,5	approx. 2,1 kg approx. 2,2 kg approx. 2,2 kg

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Layer thickness acc. to stress groups acc. to DIN 18560-7	NEODUR HE 65 NEODUR HE 65 SVS 3	**group A** I (heavy) II (medium) III (light)	**nominal thickness** 15 mm 10 mm 8 mm
	NEODUR HE 65 SVS 1,5	**group KS** I (heavy) II (medium) III (light)	**n. thickness** 6 mm 5 mm 4 mm

PROCESSING

Fresh on fresh

Sub-base The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.
Processing NEODUR HE 65 is mixed with the specified quantity of water, depending on the processing method, and mixed for approx. 3 minutes. Application on the fresh, trowelled surface, levelling over gauges (round bar) with aluminium lath or vibrating beam. Timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On existing base concrete

Sub-base The base concrete (minimum grade C 25/30, surface bond strength ≥ 1,5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle particles and fine mortar slurry, rough and open-pore. The demands acc. to
DIN 18365 and DIN 18560 apply. The flatness should be acc. to DIN 18202, table 3, line 3. Thorough
pre-wetting of the base concrete 1 day prior to the installation, avoiding formation of puddles. Application of KORODUR HB 5 bonding compound on the matt-damp surface (see data sheet).
Processing Installation of NEODUR HE 65 analogous to the processing instructions for “fresh on fresh”, in a middle layer thickness of 15 mm (see data sheet KORODUR-KOROTAN).

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 65 must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging (all quantities)
loose in silo and in big bags

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 65 metallic

per 10/2026

metallic dry mortar
for topping of concrete areas for heaviest stress

DESCRIPTION

NEODUR HE 65 metallic is a ready to use cementitious hard aggregate screed with metallic aggregates. Processing in one layer as bonded screed for heaviest stress demands acc. to DIN 18560-7.

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.
Extremely resistant to impact and percussion stress. Specially qualified for stress by heavy iron wheel traffic, rolling and impact by hard deposit of sharp-edged work pieces etc. Used for the production of so-called armored screeds.

PROPERTIES

- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- resistant to crawler-type vehicles
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost resistant
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 13813

TECHNICAL DATA

Quality	CT-C70-F10-A3	
Granulometry	0-4 mm	
Colour	cement grey	
Reaction to fire	A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 3,0 cm³/50 cm²	
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C80	
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F11	
Temperature processing, ambient and sub-base temperature	≥ 5 °C	
Water addition	approx. 2,75 l/25 kg bag	
Material consumption per m² / per mm layer thickness	approx. 2,6 kg	
Frost / de-icer resistance At a layer thickness of ≥ 10 mm, hard aggregate screeds are classified as frost / de-icer resistant acc. to the CDF-test method (see example NEODUR HE 65).	☑	
Layer thickness acc. to stress groups acc. to DIN 18560-7, Tab. 1	**group M** I (heavy) II (medium)	**nominal thickness** 8 mm 6 mm

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

Fresh on fresh
Sub-base
The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.

Processing
NEODUR HE 65 metallic is mixed with the specified quantity of water, depending on the processing method, and mixed for approx. 3 minutes. Application on the fresh, trowelled surface, levelling over gauges (round bar) with aluminium lath or vibrating beam. Timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On existing base concrete
Sub-base
The base concrete (minimum grade C 25/30, surface bond strength ≥ 1,5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The demands acc. to DIN 18365 and DIN 18560 apply. The flatness should be acc. to DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete 1 day prior to the installation, avoiding formation of puddles. Application of KORODUR HB 5 bonding compound on the matt-damp surface (see data sheet).

Processing
Installation of NEODUR HE 65 metallic analogous to the processing instructions for “fresh on fresh”, in layer thickness: 10-15 mm.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 65 metallic must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 65 Plus

per 10/2026

synthetic-modified, fiber-reinforced hard aggregate screed for topping of concrete areas for heavy-duty stress

DESCRIPTION

NEODUR HE 65 Plus is a ready to use, cementitious, synthetic-modified hard aggregate screed on the
basis of KORODUR hard aggregates in the qualities
- NEODUR HE 65 Plus
- NEODUR HE 65 Plus SVS 3.

Installation in one layer as bonded screed for highest stress demands acc. to DIN 18560-7 on set base concrete without additional bonding compound. The bonding compound is produced from the same material, i.e. the NEODUR HE 65 Plus is applied in slurry consistency.

APPLICATION

For the production of heavy-duty, frost and de-icer resistant industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress for indoors and outdoors. Suitable for the production of liquid tight layers in accordance with WHG (German Water Resources Act) for washing areas, filling plants, collection containers, gas stations, fire stations, hazardous goods handling areas, harbours, sewage treatment plants, industry etc.

PROPERTIES

- without additional bonding compound
- fiber-reinforced
- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- frost and de-icer resistant
- electrostatically non-chargeable
- chloride-free
- pumpable
- consistent quality ensured by quality assurance acc. to DIN 13813

TECHNICAL DATA

Quality	NEODUR HE 65 Plus NEODUR HE 65 Plus SVS 3	CT-C70-F9-A6 CT-C70-F9-A3
Granulometry	all qualities	0 - 5 mm
Colour	all qualities	cement grey
Reaction to fire	A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	NEODUR HE 65 Plus NEODUR HE 65 Plus SVS 3	≤ 5,0 cm³/50 cm² ≤ 3,0 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	C70
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	F9
Frost / de-icer resistance acc. to DIN CEN/TS 12390-9	all qualities	☑
Leak test (chloride migration) Method for determining the chloride migration coefficient in concrete, mortar or cement-based repair materials acc. to NT Build 492	all qualities	☑
Liquid-tight concrete / Penetration behavior Corresponding to DIN EN 206-1 / DIN 1045-2 and DAfStB guideline for “concrete construction in context with water endangering substances”, the requirements are met with a layer thickness of 25,7 mm as a liquid-tight layer.	all qualities	☑ Fields of application include washing areas and collection tanks, impermeable structural elements acc. to WHG (e.g. in gas station construction)

Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water addition	NEODUR HE 65 Plus NEODUR HE 65 Plus SVS 3	approx. 2,75 l/25 kg bag
Processing time depending on ambient temperature	all qualities	approx. 2 - 3 hours
Layer thickness	all qualities	15 - 30 mm
Material consumption per m² / per mm layer thickness	NEODUR HE 65 Plus NEODUR HE 65 Plus SVS 3	approx. 2,1 kg approx. 2,2 kg

PROCESSING

Sub-base
The base concrete (minimum grade C 25/30, surface bond strength ≥ 1,5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For excellent bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The demands acc. to DIN 18365 and DIN 18560 apply. The flatness should be acc. to DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete 1 day prior to the installation, avoiding formation of puddles. Apply NEODUR HE 65 Plus on the matt-damp surface as bonding compound, water-diluted in slurry consistency, using hard street broom.

Processing
NEODUR HE 65 Plus is mixed with the specified quantity of water, depending on the processing method, and mixed for approx. 3 minutes. Application on the fresh, trowelled surface, levelling over gauges (round bar) with aluminium lath or vibrating beam. Timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 65 Plus must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging (all qualities)
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 40

per 10/2026

mineral dry screed
for topping of concrete areas

DESCRIPTION

NEODUR HE 40 and NEODUR HE 40/8 are ready to use, cementitious hard aggregate screeds on the basis of KORODUR hard aggregates acc. to DIN 1100 (group A) in the qualities
- NEODUR HE 40: layer thickness fresh on fresh up to 8-15 mm
- NEODUR HE 40: layer thickness as bonded screed up to 15-35 mm
- NEODUR HE 40/8: layer thickness as bonded screed up to 25-50 mm

Processing in one layer as bonded screed for heavy-duty stress acc. to DIN 18560-7.

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress. For indoor use.

PROPERTIES

- highly wear resistant also under heaviest stress
- high surface density
- resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- frost resistant
- electrostatically non-chargeable
- chloride-free
- pumpable
- consistent quality ensured by quality assurance acc. to DIN 13813

TECHNICAL DATA

Quality		NEODUR HE 40 NEODUR HE 40/8	CT-C40-F6-A6 CT-C40-F7-A6
Granulometry		NEODUR HE 40 NEODUR HE 40/8	0 - 5 mm 0 - 8 mm
Colour		all qualities	cement grey
Reaction to fire		A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3		all qualities	≤ 6,0 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2		all qualities	C40
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2		NEODUR HE 40 NEODUR HE 40/8	F6 F7
Temperature processing, ambient and sub-base temperature		all qualities	≥ 5 °C
Water addition		all qualities	approx. 3,25 l/25 kg bag
Processing time depending on ambient temperature		all qualities	approx. 2 - 3 hours
Layer thickness	processing fresh on fresh	NEODUR HE 40	8 - 15 mm
	processing on set base concrete	NEODUR HE 40 NEODUR HE 40/8	15 - 35 mm 25 - 50 mm
Material consumption per m² / per mm layer thickness		all qualities	approx. 2,1 kg

PROCESSING

Fresh on fresh
Sub-base
The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.
Processing
NEODUR HE 40 is mixed with the specified quantity of water, depending on the processing method, and mixed for approx. 3 minutes. Application on the fresh, trowelled surface, levelling over gauges (round bar) with aluminium lath or vibrating beam. Timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On existing base concrete
Sub-base
The base concrete (minimum as grade C 25/30, surface bond strength ≥ 1,5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The demands acc. to DIN 18365 and DIN 18560 apply. The flatness should be acc. to DIN 18202, table 3, line 3.
Thorough
pre-wetting of the base concrete 1 day prior to the installation, avoiding formation of puddles. Application of KORODUR HB 5 bonding compound on the matt-damp surface (see data sheet). When using KORODUR uniPrimer, pre-wetting is not necessary under normal sub-base conditions (see data sheet). Only in case of highly absorbent sub-bases additional, matt damp pre-wetting may be advisable.
Processing
Installation of NEODUR HE 40 analogous to the processing instructions for “fresh on fresh”.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 40 must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging
big bags
loose in silo (NEODUR HE 40)

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 3

per 10/2026

mineral dry mortar for cementitious industrial floors in dry-shake method to improve surface hardness and increase wear resistance

DESCRIPTION

NEODUR HE 3 is a ready to use cementitious dry mortar for the production of industrial floors in dry-shake method acc. to DIN EN 13813 on the basis of KORODUR hard aggregates in the qualities

- NEODUR HE 3
- NEODUR HE 3 SVS 3
- NEODUR HE 3 SVS 1,5

Also available in colour, see KORODUR colour chart.

APPLICATION

For the production of heavy-duty industrial floors, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other indoor industrial areas subjected to most severe stress.

PROPERTIES

- wear resistant also under heaviest stress
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN 13813

TECHNICAL DATA

Quality	NEODUR HE 3 NEODUR HE 3 SVS 3 NEODUR HE 3 SVS 1,5	CT-C70-F9-A6 CT-C70-F9-A3 CT-C70-F9-A1,5
Granulometry	all qualities	0 - 3 mm
Colour	all qualities	cement grey
Reaction to fire	A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	NEODUR HE 3 NEODUR HE 3 SVS 3 NEODUR HE 3 SVS 1,5	≤ 5,0 cm³/50 cm² ≤ 3,0 cm³/50 cm² ≤ 1,5 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	C70
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	F9
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Material consumption per m² / per mm layer thickness	all qualities	cement grey approx. 3 – 5 kg coloured approx. 5 – 6 kg

PROCESSING

Sub-base

The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.

Processing
Apply NEODUR HE 3 dry and uniformly (e.g. by means of spreader). After moisture penetration of the applied NEODUR HE 3, treat the surface with disk float. A further analogous application can be carried out as long as the dry mortar still moistens, followed by timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On steel fiber concrete base, NEODUR HE 3 can be mechanically applied directly in the freshly installed base concrete using a spreader. Next working steps on compaction and smoothing as afore described.

FINISHING AND PROCESSING TOOL

KORODUR nanoFinish is a high quality, liquid, ready-to-use nano silica for the finishing of KORODUR industrial floors. KORODUR nanoFinish slows down the moisture loss and extends the working time. This facilitates and improves surface finishing during smoothing, even under hot, dry, sunny and windy conditions (see data sheet).

KORODUR nanoFinish does not replace the necessary after-treatment of the smoothed KORODUR industrial floor.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 3 must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR dry-shake layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner.

SUPPLY

25 kg special paper packaging
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 3 green

per 10/2026

mineral dry mortar for cementitious industrial floors in dry-shake method to improve surface hardness and increase wear resistance

DESCRIPTION

NEODUR HE 3 green is a ready to use, cementitious dry mortar for the production of industrial floors in dry-shake method acc. to DIN EN 13813 on the basis of KORODUR hard aggregates acc. to DIN 1100 groups A on the basis of KORODUR 0/4.

APPLICATION

For the production of heavy-duty industrial floors, e. g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other indoor industrial areas subjected to most severe stress.

LIFE CYCLE ASSESSMENT (EPD)

An Environmental Product Declaration according to EN 15804+A2 is available for NEODUR HE 3 green (EPD-Kiwa-EE-163392-EN, valid until 09.02.2029). Global warming potential (GWP-total), production stage A1 to A3: 0,168 kg CO2 equivalent per kg.

PROPERTIES

- wear resistant also under heaviest stress
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	CT-C70-F9-A6
Granulometry	0 - 3 mm
Colour	cement grey
Reaction to fire	A1fl
Wear resistance abrasive wear acc. to Böhme measured on defined prisms acc. to DIN EN 13892-3	≤ 5,0 cm³/50 cm²
Compressive strength measured on defined prisms acc. to DIN EN 13892-2	C70
Flexural strength measured on defined prisms acc. to DIN EN 13892-2	F9
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Material consumption per m²	cement grey approx. 3 – 5 kg

PROCESSING

Sub-base
The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.

Processing
Apply NEODUR HE 3 green dry and uniformly (e. g. by means of spreader). After moisture penetration of the applied NEODUR HE 3 green, treat the surface with disk float. A further analogous application can be carried out as long as the dry mortar still moistens, followed by timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).
On steel fiber concrete base, NEODUR HE 3 green can be mechanically applied directly in the freshly installed base concrete using a spreader. Next working steps on compaction and smoothing as afore described.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

FINISHING AND PROCESSING TOOL

KORODUR nanoFinish is a high quality, liquid, ready-to-use nano silica for the finishing of KORODUR industrial floors. KORODUR nanoFinish slows down the moisture loss and extends the working time. This facilitates and improves surface finishing during smoothing, even under hot, dry, sunny and windy conditions (see data sheet).

KORODUR nanoFinish does not replace the necessary after-treatment of the smoothed KORODUR industrial floor.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 3 green must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR dry-shake layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 3 metallic

per 10/2026

mineral dry mortar for cementitious industrial floors in dry-shake method to improve surface hardness and increase wear resistance

DESCRIPTION

NEODUR HE 3 metallic is a ready to use cementitious dry mortar for the production of industrial floors in dry-shake method acc. to DIN EN 13813 with metallic aggregates. Also available in colour, see KORODUR colour chart.

APPLICATION

For the production of industrial floors to improve the surface hardness and to increase the wear resistance of indoor floors being subjected to direct industrial stress. Specially qualified for areas with metallic stress, e.g. by iron wheel traffic, rolling, plant traffic with steel or polyamide tires.

PROPERTIES

- wear resistant also under heaviest stress
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	CT-C70-F10-A3
Granulometry	0 - 4 mm
Colour	cement grey
Reaction to fire	A1fl
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	≤ 3,0 cm³/50 cm²
Compressive strength [N/mm²] acc. to DIN EN 13892-2, measured on defined prisms	C80
Flexural strength [N/mm²] acc. to DIN EN 13892-2, measured on defined prisms	F11
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Material consumption per m²	approx. 5 - 7 kg

PROCESSING

Sub-base
The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.

Processing
Apply NEODUR HE 3 metallic dry and uniformly (e.g. by means of spreader). After moisture penetration of the applied NEODUR HE 3 metallic, treat the surface with disk float. A further analogous application can be carried out as long as the dry mortar still moistens, followed by timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On steel fiber concrete base, NEODUR HE 3 metallic can be mechanically applied directly in the freshly installed base concrete using a spreader. Next working steps on compaction and smoothing as afore described.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

AFTER-TREATMENT	Differing temperatures may influence the setting and hardening process. NEODUR HE 3 metallic must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR dry-shake layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.
JOINTS	The joint grid must be specified by the planner.
SUPPLY	25 kg special paper packaging
STORAGE	Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 2

per 10/2026

mineral dry mortar for cementitious industrial floors in dry shake method to improve surface hardness and increase wear resistance

DESCRIPTION

NEODUR HE 2 is a ready to use cementitious dry mortar for the production of industrial floors in dry-shake method acc. to DIN EN 13813 on the basis of KORODUR hard aggregates.
Also available in colour, see KORODUR colour chart.

APPLICATION

For the production of indoor industrial floors to improve the surface hardness and to increase the wear resistance of the floor being subjected to direct industrial stress, e.g. high-bay warehouses, logistics areas, sales areas, etc.

PROPERTIES

- wear resistant
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- electrostatically non-chargeable
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	CT-C70-F9-A9
Granulometry	0 - 3 mm
Colour	cement grey
Reaction to fire	A1fl
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3, measured on defined prisms	≤ 8,0 cm³/50 cm²
Compressive strength [N/mm²] acc. to DIN EN 13892-2, measured on defined prisms	C70
Flexural strength [N/mm²] acc. to DIN EN 13892-2, measured on defined prisms	F9
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Material consumption per m²	cement grey approx. 3 - 5 kg coloured approx. 5 - 6 kg

PROCESSING

Sub-base
The base concrete must be produced at least as grade C 25/30 acc. to DIN EN 206 (Attention: No use of air-entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202.
For intermediate curing of the base concrete we recommend the use of KOROCURE (see data sheet). The fresh, just walkable base concrete is trowelled with disk float.

Processing
Apply NEODUR HE 2 dry and uniformly (e.g. by means of spreader). After moisture penetration of the applied NEODUR HE 2, treat the surface with disk float. A further analogous application can be carried out as long as the dry mortar still moistens, followed by timely grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

On steel fiber concrete base, NEODUR HE 2 can be mechanically applied directly in the freshly installed base concrete using a spreader. Next working steps on compaction and smoothing as afore described.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 2 must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR dry-shake layer we recommend the use of our products KOROMINERAL CURE or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner.

SUPPLY

25 kg special paper packaging
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR Industrial Floor Repair Systems

WH
KORODUR

KORODUR-KOROTAN System

Description

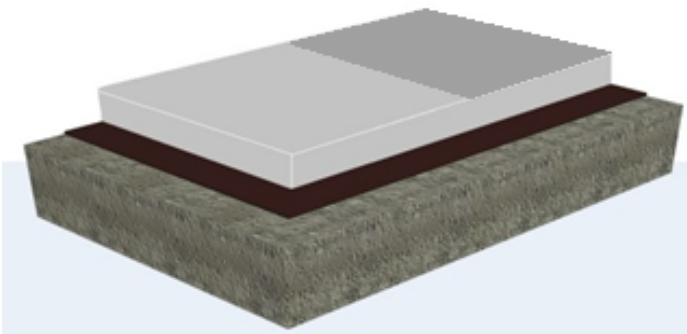
KORODUR-KOROTAN industrial floor is a cementitious KORODUR hard aggregate screed, which is applied as bonded screed in one layer with bonding compound on to set base concrete, in a nominal layer thickness of on average 15 mm.

The installation is largely joint-free. Existing joints in the sub-base have to be taken over. In combination with the KORODUR bonding compound HB 5 (see data sheet) a perfect bond is produced.

KORODUR-KOROTAN

- hard aggregate screed acc. to DIN 18560 resp. DIN EN 13813
- compressive strength and wear properties acc. to DIN 1100
- durable
- pure mineral
- almost joint-free

System components / Construction



Bonded screed acc. to DIN 18560-3

KORODUR-KOROTAN System

After-treatment:	KOROTEX*
Industrial screed:	KORODUR / NEODUR
Bonding compound:	KORODUR HB 5
Sub-base:	base concrete (min. C 25/30)

*or KOROMINERAL CURE

Products

KORODUR hard aggregates	Quality	Layer thickness
KORODUR 0/4	CT-C70-F10-A6	on average 15 mm
KORODUR VS 0/5	CT-C70-F10-A6	on average 15 mm
KORODUR WH-Special	CT-C70-F10-A3	on average 15 mm
KORODUR WH-metallic	CT-C80-F11-A3	on average 15 mm
KORODUR Diamond Concrete	CT-C70-F10-A1,5	on average 15 mm
NEODUR hard aggregate dry mortars		
NEODUR HE 65	CT-C70-F9-A6	on average 15 mm
NEODUR HE 65 SVS 3	CT-C70-F9-A3	on average 15 mm
NEODUR HE 65 SVS 1,5	CT-C70-F9-A1,5	on average 15 mm
NEODUR HE 65 metallic	CT-C70-F10-A3	on average 15 mm
NEODUR HE 65 Plus	CT-C70-F9-A6	15 to 30 mm
NEODUR HE 40	CT-C40-F6-A6	15 to 35 mm
NEODUR HE 40/8	CT-C40-F7-A6	up to 50 mm

NEODUR® HE 60 rapid fast-setting screed

Description

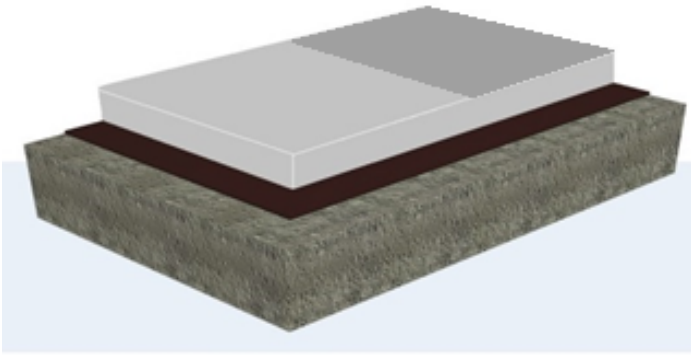
NEODUR HE 60 rapid is a ready-to-use, cementitious, dimensionally stable, highly wear resistant, fast-setting screed on mineral basis with KORODUR hard aggregates acc. to DIN 1100, applied in one layer as bonded screed with bonding compound on to set base concrete, layer thickness 10 mm and up.

The installation is largely joint-free. Existing joints in the sub-base have to be taken over. In combination with the fast-setting bonding compound KORODUR HB 5 rapid (see data sheet) a perfect bond is produced.

Fast-setting screed for the installation and repair of bonded screeds, which are quickly usable and early ready for covering, with increased wear resistance as industrial floors for heaviest stress.

Layer thickness 10 mm and up, e. g. for the production of heavy-duty industrial floors in production halls, workshops, high-bay warehouses and industrial areas with heaviest stress. Ready for walking stress after approx. 3 hours and fully load-bearing after approx. 24 hours. Indoors only.

System components / Construction



Bonded screed acc. to DIN 18560-3

NEODUR HE 60 rapid

After-treatment:	KOROMINERAL CURE*
Fast-setting screed:	NEODUR HE 60 rapid
Bonding compound:	KORODUR HB 5 rapid
Sub-base:	base concrete (min. C 25/30)

*or KOROTEX

Hint:
In addition, **KORODUR easyFinish** can be sprayed as a smoothing aid onto the troweled (disk) surface and worked in before the first trowel pass with helicopter. The smoothing process is facilitated, the surface additionally modified, the density increased and the protection against chemical attacks improved.

Products

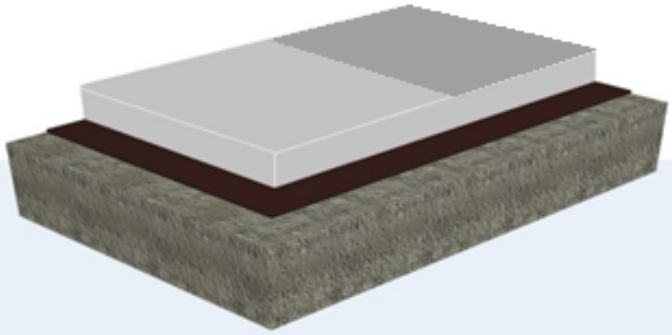
NEODUR hard-aggregate fast-setting screed	Quality	Layer thickness
NEODUR HE 60 rapid SVS 5	CT-C60-F8-A6	10 mm and up
NEODUR HE 60 rapid SVS 3	CT-C60-F8-A3	10 mm and up
NEODUR HE 60 rapid SVS 1,5	CT-C60-F8-A1,5	10 mm and up
NEODUR HE 60 rapid metallic	CT-C60-F8-A3	10 mm and up

System NEODUR® Level

Description

NEODUR Level is a cementitious, mineral, fast-setting, polymer-modified, thin-layer industrial floor for layer thickness from 4 to 30 mm. Quality CT-C40-F8-AR0,5. Indoors only. Installed in bond on mineral sub-bases as industrial floor for new construction or restoration of storage and production halls, underground carparks, sales rooms etc. NEODUR Level is easy to mix, mechanically pumpable, highly flowable, self-leveling, fast-setting, highly wear resistant, almost tension-free, ready for walking stress after approx. 3 hours.

System components / Construction



Bonded thin-layer screed

NEODUR Level

Impregnation:	KOROMINERAL Li+
Thin screed:	NEODUR Level*
Bonding compound:	KORODUR PC
Sub-base:	base concrete (min. C 25/30)

*or NEODUR Level AU underlayment

NEODUR Level self-leveling, fast-setting thin-layer screed

NEODUR thin-layer screed	Quality	Layer thickness
NEODUR Level	CT-C40-F8-AR0,5	layer thickness ≥ 4 to 30 mm
NEODUR Level AU	CT-C35-F5	layer thickness ≥ 5 to 50 mm

Processing

Sub-base:
To be resistant to compression and tension, load-bearing and dry, free from contamination, separation agents and loose debris. Surface bond strength at least 1,5 N/mm². The demands of DIN 18365 and DIN 18560 refer. Construction joints in the sub-base have to be taken over.

Priming:
Prime with KORODUR PC (processing see current data sheet) or a suitable EP primer.

Processing:
Mechanically in workable consistency (slump acc. to DIN EN 12706 of 13 - 14 cm, measuring tube with d = 30 mm and h = 50 mm) with qualified worm pump, e. g. m-tec Duo Mix 2000. The use of suitable mixing equipment is recommended, e.g. Hippo Mixer, Collomix-LevMix or stirrer with minimum 650 rpm. Do not use mixing equipment that entraps big amounts of air.
Mix NEODUR Level with 4,5 to 5,0 l water per 25 kg bag. Mixing time to achieve a uniform and lump-free consistency 3 - 5 minutes. For uniform application of the material, the use of qualified rake is recommended. To remove air enclosures, treat the still flowable surface with spiked roller. Keep material temperature > +10 °C. Apply mixed NEODUR Level within 30 minutes.

per 10/2026

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.



KORODUR uniPrimer

per 10/2026

Low-viscosity universal primer for the pre-treatment of cementitious sub-bases

DESCRIPTION

KORODUR uniPrimer - liquid, solvent-free, one-component, ready to use - the universal primer based on acrylate, co-polymer and silicate for the pre-treatment of differently absorbent concrete sub-bases for coating with cementitious hard aggregate screeds.

APPLICATION

KORODUR uniPrimer for priming absorbent substrates. Suitable for subsequently applied coatings with bonding compound and KORODUR/NEODUR hard aggregate screeds as protection against too fast dehydration.
KORODUR uniPrimer reduces the absorption behavior of dry sub-bases and thus the time-consuming pre-wetting in case of industrial floor renovations e.g. with NEODUR HE 65 or NEODUR HE 60 rapid.
The sub-base is significantly improved. Evaporation of the KORODUR bonding compound HB 5 or HB 5 rapid is minimized by controlled suction behavior of the sub-base and a more uniform hydration of the bonded system is achieved.

PROPERTIES

- one-component
- low-viscosity, high penetration capacity
- fast-setting
- durably water resistant
- vapor-permeable
- ready to use
- solvent-free
- indoors and outdoors

TECHNICAL DATA

Condition	liquid
Colour	milky-white
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Density	1,05 g/m³
pH-value	11,6
Material consumption depending on the absorbency of the sub-base	approx. 150 - 250 g/m²
Hazard statements / labelling acc. to GefStoffV and VbF	not subject to labelling

PROCESSING

Sub-base The supporting concrete (min. grade C 25/30, surface bond strength ≥ 1.5 N/mm^2) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pored. The demands acc. to DIN 18365 and DIN 18560 apply. When using KORODUR uniPrimer, pre-wetting is not necessary under normal sub-base conditions. Only in case of highly absorbent sub-bases additional, matt damp pre-wetting may be advisable.

Processing Before application, stir KORODUR uniPrimer thoroughly. Spray KORODUR uniPrimer undiluted and uniformly covering. Avoid formation of puddles. For spraying, use commercially available spraying equipment with appropriate nozzles. Alternatively, application with long-pile lambskin roller is possible, however, this increases the consumption. Excess material should be avoided. For the subsequently coating with bonding compound and hard aggregate screed, KORODUR uniPrimer must be dry.

SUPPLEMENTARY HINTS

KORODUR uniPrimer does not replace the respective system bonding compound KORODUR HB 5 or HB 5 rapid.

SUPPLY

30 kg plastic can

STORAGE

Store in a cool, dry and frost-free place in the original container.
Shelf life approx. 12 months. Close opened containers immediately.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification): hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothes and safety goggles when working. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR HB 5

per 10/2026

mineral bonding compound

DESCRIPTION

KORODUR HB 5 is a mineral, synthetic-modified, ready to use bonding compound for the full bond of cementitious screeds of all grades, including KORODUR hard aggregate screeds, on set concrete.

APPLICATION

For the production of bonded screeds, e.g. KORODUR or NEODUR industrial, decorative and other screeds on set concrete. Especially suitable in combination with the KORODUR-KOROTAN industrial flooring system (see data sheet). For indoor use.

PROPERTIES

- mineral
- coloured for visual control
- reliable, durable
- water-resistant, suitable in wet rooms
- chloride-free
- optimal bond
- vapor-diffusible
- synthetic-modified

TECHNICAL DATA

Colour	red-brown (standard); grey and white
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water addition	approx. 5,5 l/25 kg bag
Material consumption depending on the surface structure and absorbency of the sub-base	approx. 2,0 kg/m²/mm

PROCESSING

Sub-base
Prepare the base concrete (minimum grade C25/30, surface bond strength ≥ 1,5 N/mm²) e.g. by milling and shot peening. For full bond, the surface must be crack-free, level, free from loose particles and fine mortar laitance, rough and open-pore. The requirements of DIN 18365 and DIN 18560 apply. The flatness should comply with DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete one day prior to the application, avoiding formation of puddles.

Processing
Mix KORODUR HB 5 with the specified quantity of water in a low-speed stirrer for minimum 2 - 3 minutes until a soft slurry forms. Do not apply too watery material. Distribute the ready mixed bonding compound on the prepared sub-base (the pre-wet base concrete must be matt-damp). Brush on with hard street broom approx. 1 - 2 mm thick. Take care that no colour fading / overwatering occurs.
Apply the screed immediately on the still fresh bonding compound KORODUR HB 5, to prevent premature drying out of the bonding compound.

JOINTS

Joints in the sub-base have to be taken over. The bonded screed has to be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR HE 60 rapid

per 10/2026

mineral, dimensionally stable, highly wear resistant fast-setting screed with hard aggregates for topping concrete floors for heavy-duty stress

DESCRIPTION

NEODUR HE 60 rapid is a ready to use cementitious, dimensionally stable, fast-setting screed on the basis of KORODUR hard aggregates in the following qualities

- NEODUR HE 60 rapid
- NEODUR HE 60 rapid SVS 3
- NEODUR HE 60 rapid SVS 1,5
- NEODUR HE 60 rapid metallic

Processing in one layer as bonded screed on set base concrete, for heaviest stress.

APPLICATION

For the production and repair of quickly usable bonded screeds for indoor applications, with increased wear resistance, as industrial floors for heaviest stress, e.g. car parks, industrial halls, assembly halls, aircraft hangars, workshops, high-bay warehouses and other industrial areas subjected to most severe stress.

PROPERTIES

- fast-drying and shortened construction time
- dimensionally stable
- low shrinkage
- fast- and crack-free setting
- quickly usable and ready for covering
- highly wear resistant also under heaviest stress
- high surface density, resistant to gasoline, mineral oil, solvents
- forklift resistant
- water-resistant, suitable in wet areas
- anti-skid, non-slip
- electrostatically non-chargeable
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	HE 60 rapid HE 60 rapid SVS 3 HE 60 rapid SVS 1,5 HE 60 rapid metallic	CT-C60-F8-A6 CT-C60-F8-A3 CT-C60-F8-A1,5 CT-C60-F8-A3
Granulometry	all qualities	0 - 5 mm
Colour	all qualities	cement grey
Reaction to fire	A1fl	
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	HE 60 rapid HE 60 rapid SVS 3 HE 60 rapid SVS 1,5 HE 60 rapid metallic	≤ 5,0 cm³/50 cm² ≤ 3,0 cm³/50 cm² ≤ 1,5 cm³/50 cm² ≤ 3,0 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	C60
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	F 8
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Processing time depending on ambient temperature	all qualities	approx. 45 - 60 minutes

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Water addition	HE 60 rapid HE 60 rapid SVS 3 HE 60 rapid SVS 1,5 HE 60 rapid metallic		approx. 2,75 l/25 kg bag
Residual moisture CM-measuring after installation	all qualities		after 24 hours approx. 5,9 % after 3 days approx. 1,9 % after 28 days approx. 1,3 %
Layer thickness	all qualities		10 mm and up
Stress / use	all qualities	foot traffic ready for use	after approx. 3 hours after approx. 24 hours
Material consumption per m² / per mm layer thickness	HE 60 rapid HE 60 rapid SVS 3 HE 60 rapid SVS 1,5 HE 60 rapid metallic		approx. 2,1 kg/m²/mm approx. 2,2 kg/m²/mm approx. 2,2 kg/m²/mm approx. 2,5 kg/m²/mm
AgBB Health-related evaluation of emissions of volatile organic compounds from construction products acc. to DIN EN 16516.	all qualities		☑

PROCESSING

Sub-base
The base concrete (minimum grade C 25/30, surface bond strength ≥ 1,5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The demands acc. to DIN 18365 and DIN 18560 apply. The flatness should be acc. to DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete 1 day prior to the installation, avoiding formation of puddles. Application of KORODUR Bonding Compound HB 5 rapid on the matt-damp surface (see data sheet).

Processing
Mix NEODUR HE 60 rapid with the specified quantity of water for approx. 2 - 3 minutes until a workable consistency is achieved. Apply freshly on the still moist bonding compound, strike off aligned, trowel pore-deep with disk float and smooth acc. to the specified surface texture (wing float).

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR HE 60 rapid must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the NEODUR hard aggregate layer we recommend the use of our products KOROMINERAL CURE / Li+ or KOROTEX (see data sheets). In case a subsequent surface modification, coating or marking is specified, the after-treatment should be carried out with foil.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete have to be taken over in the hard aggregate layer. The hard aggregate screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging (all quantities)
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR HB 5 rapid

per 10/2026

fast-setting, mineral system bonding compound

DESCRIPTION

KORODUR HB 5 rapid is a fast-setting, mineral, ready to use system bonding compound for the full bond of NEODUR HE 60 rapid and fast screeds produced with KORODUR FSCem on set concrete.

APPLICATION

For the production of fast-setting bonded screed systems, e.g. NEODUR HE 60 rapid, KORODUR FSCem Screed, with KORODUR FSCem based fast-setting/decorative screeds on set concrete.
For indoor and outdoor use.

PROPERTIES

- fast-setting
- mineral
- reliable, durable
- water-resistant, suitable in wet areas
- chloride-free
- optimal bond
- vapor-diffusible

TECHNICAL DATA

Colour	grey
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water addition	approx. 5,5 l/25 kg bag
Material consumption depending on the surface structure and absorbency of the sub-base	approx. 2,0 kg/m²

PROCESSING

Sub-base
Prepare the base concrete (minimum grade C25/30, surface bond strength ≥ 1,5 N/mm²) e.g. by milling and shot peening. For full bond, the surface must be crack-free, level, free from loose particles and fine mortar slurry, rough and open-pore. The requirements of DIN 18365 and DIN 18560 apply. The flatness should comply with DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete one day prior to the application, avoiding formation of puddles.

Processing
Mix KORODUR HB 5 rapid with the specified quantity of water in a low-speed stirrer for minimum 2 - 3 minutes until a soft slurry forms. Do not apply too watery material. Distribute the ready mixed bonding compound on the prepared sub-base (the pre-wet base concrete must be matt-damp on the surface).
Brush on with hard street broom approx. 1 - 2 mm thick. Do not apply on already drying bonding compound (shows skin formation) but remove. Apply the NEODUR HE 60 rapid fast-setting screed immediately on the still fresh bonding compound KORODUR HB 5 rapid to prevent premature drying of the bonding compound.

JOINTS

Joints in the sub-base have to be taken over. The bonded screed has to be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR FSCem

per 10/2026

dimensionally stable, cementitious, fast-setting screed binder on ternary basis acc. to DIN 18560 and EN 13813 to produce heavy-duty cement screeds, which are quickly usable and early ready for covering

DESCRIPTION

KORODUR FSCem is a cementitious, dimensionally stable, heavy-duty, fast-setting screed binder on ternary basis to produce cementitious screeds, which are quickly usable and early ready for covering acc. to DIN 18560 and EN 13813. Strength classes CT-C40-F6 to CT-C50-F7. Shrinkage class SW1.

APPLICATION

For the production of cement screeds which are quickly ready for covering, for indoor use:
- as bonded screed
- on separation layer
- on insulation layer
- as heated screed

As sub-base for the installation of KORODUR/NEODUR screeds, KORODUR decorative screeds, coatings, tiles, natural stone tiles, cast concrete tiles, parquet, laminate, elastic and textile coverings.
With KORODUR FSCem also wear-resistant screeds can be produced e. g. by adding the hard aggregate KORODUR VS 0/5. KORODUR FSCem is also suitable for the repair and renovation of worn concrete floors, the repair of cementitious sub-bases for screed installation as well as for the setting of ground anchors and fence posts.

PROPERTIES

- fast-setting
- fast-drying
- dimensionally stable
- nearly shrinkage free
- shortened construction time
- quickly usable and ready for covering
- water-resistant, suitable in wet areas
- non-flammable
- pumpable

TECHNICAL DATA

Mixing ratio as an example 1:4 in weight units quality CT-C50-F7	KORODUR FSCem screed sand A/B 8 water/cement ratio	75 kg 300 kg approx. 0,42
Mixing ratio as an example 1:5 in weight units quality CT-C40-F6	KORODUR FSCem screed sand A/B 8 water/cement ratio	60 kg 300 kg approx. 0,40
Colour	Binding agent	grey
Compressive strength [N/mm²] measured on defined prisms acc. to DIN EN 13892-2	mixing ratio 1:4 FSCem : screed sand quality CT-C50-F7	after 3 days ≥ 35 N/mm² after 28 days ≥ 50 N/mm²
	mixing ratio 1:5 FSCem : screed sand quality CT-C40-F6	after 3 days ≥ 25 N/mm² after 28 days ≥ 40 N/mm²
Flexural strength [N/mm²] measured on defined prisms acc. to DIN EN 13892-2	mixing ratio 1:4 FSCem : screed sand quality CT-C50-F7	after 3 days ≥ 5 N/mm² after 28 days ≥ 7 N/mm²
	mixing ratio 1:5 FSCem : screed sand quality CT-C40-F6	after 3 days ≥ 4 N/mm² after 28 days ≥ 6 N/mm²
Shrinkage class acc. to DIN 18560-1	SW1 – low shrinkage	< 0,2 mm/m
Processing time	depending on the installation method and water/cement ratio	approx. 45 - 60 minutes
Ready for walking stress	depending on the installation method and water/cement ratio	after approx. 1 day

Layer thickness nominal thickness	on separation layer	min. 35 mm
	as bonded screed (with bonding slurry)	min. 15 mm
	on insulation layer	min. 40 mm
	as heated screed (from top edge of heating pipe)	min. 40 mm
Residual moisture CM-measurement after installation	mixing ratio 1:5 see above	after 24 hours approx. 5,9 % after 7 days approx. 1,9 % after 28 days approx. 1,3 %
Temperature	processing, ambient and sub-base temperature	≥ 5 °C
Material consumption per m² and cm fast-setting screed	mixing ratio 1:4 mixing ratio 1:5	approx. 4,0 kg FSCem-cement approx. 3,3 kg FSCem-cement

Hints: All the afore-mentioned technical data are to be understood as examples. The applicator shall carry out initial tests acc. to DIN EN 13813.

PROCESSING

Processing
Mix KORODUR FSCem in pan type mixer with screed sand A/B 8 acc. to EN 13139 and cold, clear water to a homogenous mix. Adjust a stiff-plastic consistency, consider the moisture of the hard aggregate. When using pneumatic screed conveyors, the recommended filling quantities of the machine manufacturer must be observed. When installed as bonded screed, alternatively KORODUR VS 0/5 can be used as hard aggregate to increase the wear resistance.

On hardened sub-base
Prepare the cementitious sub-base as supporting concrete or supporting screed, e. g. by milling and/or shot-peening. Any cracks, break-outs and damaged joints must be professionally repaired. Surface bond strength ≥ 1,5 N/mm² for surfaces subject to traffic or ≥ 1.0 N/mm² for surfaces not subject to traffic. The sub-base must be load-bearing, sound, clean, dry and free from loose particles, oil, grease or other contaminants that may impair adhesion. The requirements of DIN 18365 and DIN 18560-3 apply. Joints in the sub-base must be adopted. Pre-treat supporting concrete or screed with universal primer KORODUR uniPrimer (see data sheet) or alternatively thoroughly pre-wet one day before installation, avoid puddle formation.

Bonding layer
Mix KORODUR HB 5 rapid bonding compound with the prescribed quantity of water and apply to the matt damp surface at hand of hard street broom as bonding primer (see data sheet).

General processing hints
Apply KORODUR FSCem fast-setting screed quickly in uniform layer thickness, compact, level and smooth. For mechanical smoothing use hand-held one-disk equipment. Only apply an area size as can be treated within the processing time. Higher temperatures shorten, lower temperatures extend the processing time. In areas exposed to air drafts or low humidity, the fast-setting screed has to be protected from too rapid drying out with foil. The readiness for covering must be ensured by checking the residual moisture with the CM-device acc. to DIN 18560-1.

Underfloor heating
The heating can start from the third day after the installation at a flow temperature of +25 °C. For further proceeding and information refer to relevant standards and guidelines, e. g. the BEB guideline “Interface coordination for underfloor heating and cooling systems in new buildings”.

JOINTS

When installed as bonded screed, all joints in the base concrete have to be taken over. The screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and reacts alkaline with moisture/water. Therefore protect skin and eyes. In case of eye contact, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR FSCem Screed

per 10/2026

dimensionally stable fast-setting screed dry mortar acc. to DIN 18560 and DIN EN 13813

DESCRIPTION

KORODUR FSCem Screed is a dimensionally stable fast-setting screed dry mortar on ternary basis for the production of screeds that are early ready for covering, for layer thickness up to 120 mm acc. to DIN 18560 and DIN EN 13813 (quality CT-C40-F6).

APPLICATION

For the production of cement screeds that can be quickly covered, e.g. as underlayment screed up to layer thickness of maximum 120 mm, for indoor use:

- on separation layer
- as bonded screed
- on insulation layer
- as heated screed

As sub-base for the installation of KORODUR/NEODUR hard aggregate screeds, KORODUR decorative screeds, coatings, ceramic tiles, natural stone tiles, cast concrete tiles, parquet and laminate as well as elastic and textile coverings.
KORODUR FSCem Screed is also suitable for the repair and renovation of worn concrete floors, the repair of cementitious sub-bases for screed installation as well as for the setting of ground anchors and fence posts. KORODUR FSCem Screed must always receive a covering layer.

PROPERTIES

- fast-setting
- fast-drying
- dimensionally stable
- nearly shrinkage and tension-free
- crack-free setting
- shortened construction time
- quickly usable and ready for covering
- water-resistant, suitable in wet areas
- frost-resistant
- electrostatically non-chargeable
- non-flammable
- pumpable

TECHNICAL DATA

Quality	CT-C40-F6
Granulometry	0 - 6 mm
Colour	cement grey
Compressive strength [N/mm²] measured on defined prisms acc. to DIN EN 13892-2	after 1 day approx. 20 N/mm² after 28 days approx. 40 N/mm²
Flexural strength [N/mm²] measured on defined prisms acc. to DIN EN 13892-2	after 1 day approx. 4 N/mm² after 28 days approx. 6 N/mm²
Shrinkage class acc. to DIN 18560-1	SW 1 – low shrinkage (< 0,2 mm/m)
Fire class	$A1_{fl}$
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Processing time depending on the installation method and water dosage	approx. 60 - 80 minutes
Water addition liter per 25 kg bag	approx. 2,5 - 2,75 l/25 kg

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Residual moisture CM-measurement after installation	after 24 hours approx. 5,9 % after 3 days approx. 1,9 % after 28 days approx. 1,3 %	
Layer thickness (nominal thickness) acc. to DIN 18560	as bonded screed	min. 15 mm
	on separation layer	min. 35 mm
	on insulation layer	min. 40 mm
	as heated screed (from top edge of heating pipe)	min. 40 mm
	as underlayment screed	up to 120 mm
Ready for foot traffic depending on the installation method and water dosage	after approx. 4 hours	
Material consumption per m² per mm layer thickness	approx. 2,1 kg/m²/mm	

Hints: All the afore-mentioned technical data are examples.

PROCESSING

Mixing

Mix KORODUR FSCem Screed in screed machine or pan type mixer with the specified quantity of water to a homogenous mix. Adjust a stiff-plastic consistency. When using pneumatic screed conveyors, the recommended filling quantities of the machine manufacturer must be observed.

General processing hints

Apply the fast-setting KORODUR FSCem Screed quickly in uniform layer thickness, compact, level and smooth. For mechanical smoothing use hand-held one-disk equipment. Only apply an area size as can be treated within the processing time. Perimeter and movement joints have to be taken over. When installed as bonded screed, exclusively use the system bonding compound KORODUR HB 5 rapid, see data sheet.
Higher temperatures shorten, lower temperatures extend the processing time. In areas exposed to air drafts or low humidity, the fast-setting screed has to be protected from too rapid drying out with foil. The readiness for covering must be ensured by checking the residual moisture with the CM-device.

Underfloor heating

The heating can start from the third day after installation at a flow temperature of +25 °C. For further proceeding and information refer to relevant standards and guidelines, e.g. the BEB guideline “Interface coordination for panel heating and cooling systems in new buildings”.

JOINTS

When installed as bonded screed, all joints in the base concrete have to be taken over. The screed must be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR
Fast-Setting Concrete Systems

WH
KORODUR

Rapid Set® Concrete

Description

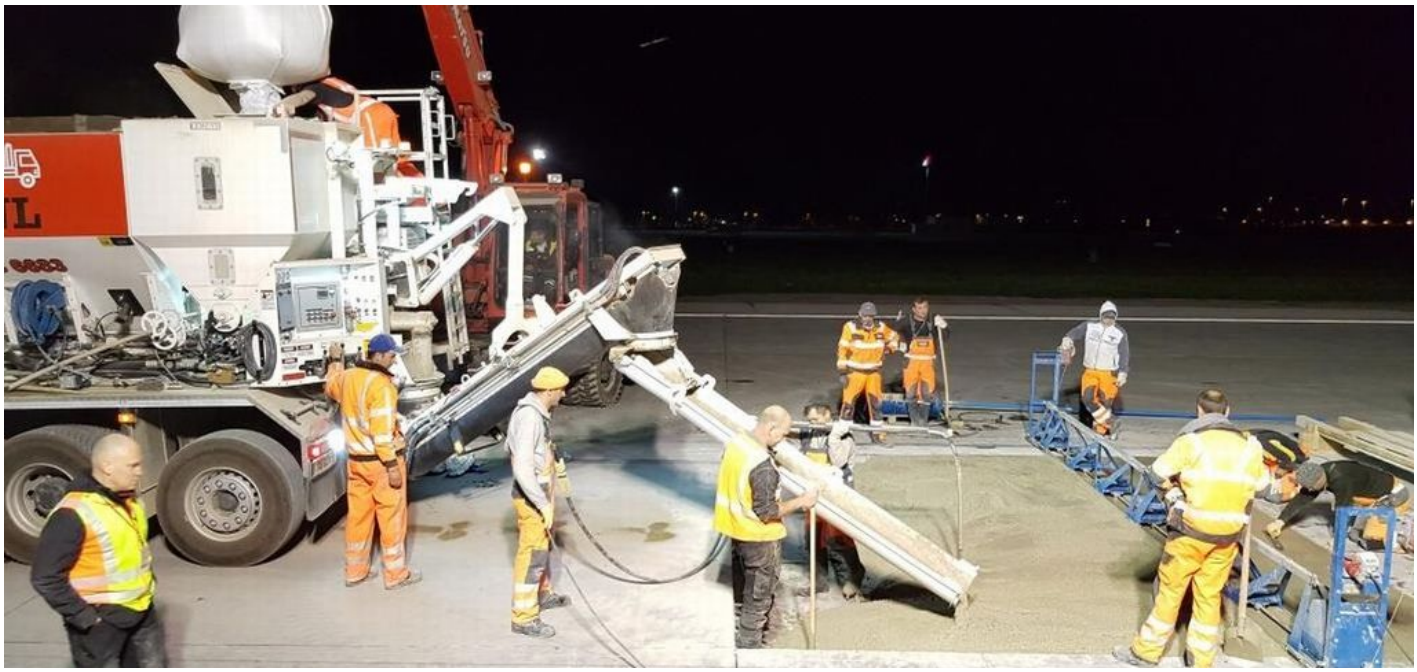
Rapid Set Concrete is a fast-setting concrete based on the high-performance binder Rapid Set, which features fast use, high strengths and durability. Rapid Set Concrete is suitable for a wide range of indoor and outdoor applications, in particular for the restoration of concrete surfaces in the infrastructure sector such as concrete roads or airfield operating areas such as take-off and landing runways. Early use and release for traffic already two hours after placement can be achieved reliably. Rapid Set Concrete is mixed directly on site using special mobile concrete mixers (e.g. Cemen Tech). Hardened concrete tests in accordance with the Technical Delivery Conditions for Construction Materials and Construction Material Mixtures for the Structural Maintenance of Traffic Surfacings (TL BEB-StB).

Rapid Set Concrete for traffic areas

Traffic areas made of concrete are subject to the highest demands in regard of statics, durability and resistance to physical and chemical stresses. The time factor is also a decisive factor in order to keep the construction works as short as possible and to return the traffic areas to use as quickly as possible. For more than 25 years, Rapid Set Concrete has been accepted and established in the United States as a simple and intelligent solution to meet these high demands. In the USA and now also in Europe, a wide variety of infrastructure projects are being realized with Rapid Set Concrete profiting of its excellent properties. Due to the fast-setting properties of the concrete, repairs can be carried out at low-traffic times, e.g. at night, and the surfaces can be reopened to traffic just 2 hours after placement. The excellent performance properties of Rapid Set Concrete allow for a broad range of applications.

Technical Data

Mixing ratio as an example for fast-setting concrete for the repair of traffic areas	Rapid Set Cement aggregates A/B 16 water/cement ratio	360 kg approx. 1900 kg approx. 0,45
Fresh concrete consistency	slump	F3 - F4
Processing time	depending on the formulation and weather conditions	approx. 15 - 30 min
Temperature	processing, ambient and sub-base temperature	≥ 5 °C
Set concrete properties acc. to TL BEB-StB – initial test for fast-setting concrete type A		
Compressive strength $f_{c,cube}$	after 2 hours after 12 hours after 28 days	≥ 20 MPa ≥ 30 MPa ≥ 45 MPa
Flexural strength $f_{ct,bz}$	after 5 hours after 28 days	≥ 3,0 MPa ≥ 4,5 MPa
Frost and deicer resistance	CDF-Test	≤ 1.500 g/m²



KOROCRETE Fast-Setting Concrete

Description

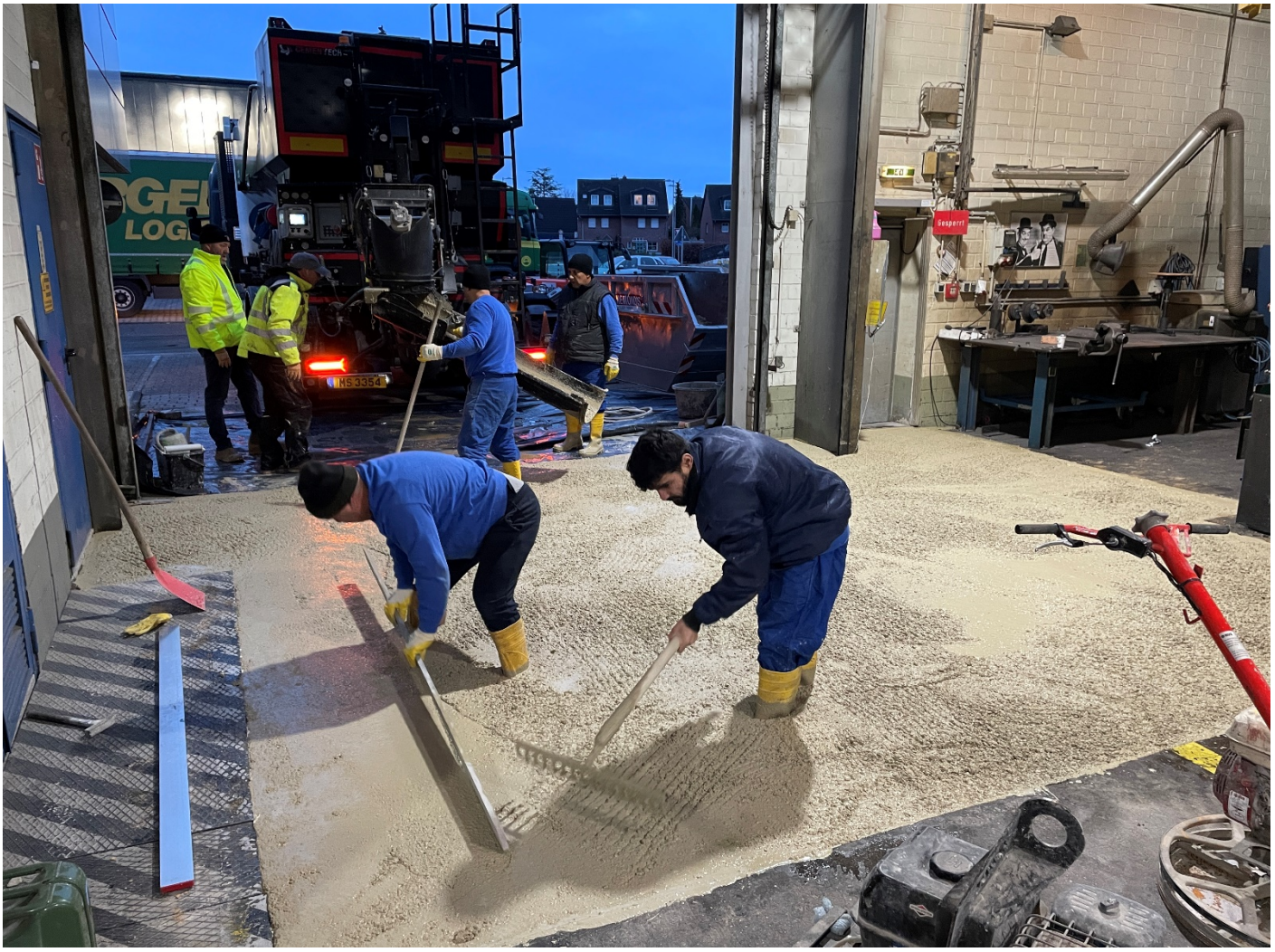
KOROCRETE is a fast-setting concrete based on KORODUR FSCem, a cementitious, dimensionally stable, fast-setting screed binder on ternary basis for the production of heavy-duty concrete floors, which are quickly usable and early ready for covering (strength classes C35/45 to C50/60 based on DIN EN 206).
Due to the high early strength, the flooring areas can be used and released to traffic within a few hours after their placement.
KOROCRETE rapid concrete is mixed directly on the construction site by means of special concrete mixers (e.g. Cemen Tech).

KOROCRETE Fast-Setting Concrete for industrial areas

For production of quickly usable concrete floors, indoors and outdoors. Repair of concrete floors with high durability due to dimensional stability and high final concrete strengths.

Technical Data

Mixing ratio as an example for fast-setting concrete for the repair of industrial areas	KORODUR FSCem aggregates A/B 16 water/cement ratio	360 kg approx. 1900 kg approx. 0,47
Fresh concrete consistency	slump	F3 - F4
Processing time	depending on the formulation and weather conditions	approx. 45 - 60 min
Temperature	processing, ambient and sub-base temperature	≥ 5 °C
Compressive strength $f_{c,cube}$	after 8 hours after 24 hours after 28 days	≥ 20 MPa ≥ 35 MPa ≥ 60 MPa



KORODUR Fast-Setting Concrete Systems

Properties

Rapid Set Concrete for traffic areas

- traffic areas, airport operational surfaces
- grain size: 0/8, 0/16, 0/22 (WS-grain)
- very fast-setting
- processing time: 15 - 30 minutes
- dimensionally stable
- ready for stress after 2 hours
- surface finish: broom finish, limited smoothing degree
- frost and deicer resistant
- air-entrained-concrete
- tests acc. to TL BEB-StB
- pumpable

KOROCRETE Fast-Setting Concrete for industrial areas

- industrial floors, hall floors, logistic areas
- grain size: 0/8, 0/16
- fast-setting
- processing time: 45 - 60 minutes
- dimensionally stable
- ready for stress after 8 hours
- surface finish: broom finish, smoothable
- pumpable



per 10/2026

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

KOROCRETE Fast-Setting Concrete System

per 10/2026

Fast-setting concrete for the production and repair of industrial floors

DESCRIPTION

KOROCRETE is a fast-setting concrete based on KORODUR FSCem, a cementitious, dimensionally stable, fast-setting screed binder on ternary basis for the production of heavy-duty concrete floors, which are quickly usable and early ready for covering (strength classes C35/45 to C50/60 based on DIN EN 206).
Due to the high early strength, the flooring areas can be used and released to traffic within a few hours after their placement. KOROCRETE rapid concrete is mixed directly on the construction site by means of special concrete mixers (e.g. Cemen Tech).

APPLICATION

For production of quickly usable concrete floors, indoors and outdoors.
Repair of concrete floors with high durability due to dimensional stability and high final concrete strengths.

PROPERTIES

- concrete production directly on site
- consistency / processing time individually adjustable
- fast and crack-free setting
- dimensionally stable
- quickly usable and ready for covering
- water-resistant, suitable in wet rooms
- electrostatically non-chargeable
- pumpable

TECHNICAL DATA

Mixing ratio as an example for fast-setting concrete for the repair of industrial areas	KORODUR FSCem aggregates A/B16 water/cement ratio	360 kg approx. 1.900 kg approx. 0,47
Fresh mortar consistency	slump	F3 - F4
Processing time	depending on the formulation and weather	approx. 45 - 60 minutes
Temperature	processing, ambient and sub-base temperature	≥ 5 °C
Compressive strength $f_{c,cube}$	after 8 hours after 24 hours after 28 days	≥ 20 MPa ≥ 35 MPa ≥ 60 MPa

Hints: All the afore-mentioned technical data are examples and depend on the formulation.

PROCESSING

Mixing technology
As mixing technology, volumetric mixer trucks (e.g. Cemen Tech M-Series) should be favoured. Volumetric mixer trucks hold all the concrete components separated from each other and mix them on site to fresh concrete. This ensures optimal processing of the fast-setting concrete. The parameters for the consistency and processing time pre-programmed in the system, can be adapted on site to cope flexibly with differing weather conditions. When fully loaded, a volumetric mixer truck can produce approx. 8 - 10 m³ of concrete. The storage chambers for aggregates and cement can also be charged continuously during the mixing process to produce larger quantities of concrete.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

General processing hints

Apply KOROCRETE quickly in uniform layer thickness, compact, level and smooth. For mechanical smoothing, use only hand-operated single-disc smoothing machines. Only apply an area size as can be treated within the processing time.
Higher temperatures shorten, lower temperatures extend the processing time. The fast-setting concrete must be protected from too rapid drying out. For curing we recommend the products KOROMINERAL CURE or KOROTEX (see data sheets).

For further information see data sheet KORODUR FSCem.

JOINTS

All joints in the base concrete have to be taken over. The concrete has to be separated from uprising masonry (walls, columns, etc.).

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

System Rapid Set Concrete

per 10/2026

Fast-setting concrete for refurbishment of traffic areas and infrastructural objects

DESCRIPTION

Rapid Set Concrete is a fast-setting concrete based on the high-performance binder Rapid Set, which features rapid use, high strengths and durability. Rapid Set Concrete is suitable for a wide range of indoor and outdoor applications and in particular for the restoration of concrete surfaces or airfield operating areas such as take-off and landing runways. Early use and release for traffic already two hours after placement can be achieved reliably. Rapid Set Concrete is mixed directly on site using special, mobile concrete mixers (e.g. Cemen Tech).

APPLICATION

For the renovation of concrete slabs in the infrastructural sector, such as concrete runways or airfield operational surfaces, providing high durability due to dimensional stability, high final concrete strength as well as sulphate resistance. Attestation by tests of hardened concrete in accordance with the technical delivery conditions for building materials and building material mixtures for the structural maintenance of traffic surfaces (TL BEB-StB).

PROPERTIES

- concrete production directly on site
- consistency / processing time individually adjustable
- fast-setting
- tests according to TL BEB-StB
- dimensionally stable
- high final strength
- sulfate resistant
- frost/deicer resistant
- air-entrained-concrete
- pumpable

TECHNICAL DATA

Mixing ratio As an example for fast-setting concrete for the repair of traffic areas	Rapid Set Cement aggregates A/B16 water/cement ratio	360 kg approx. 1900 kg approx. 0,45
Fresh concrete consistency	slump	F3 - F4
Processing time	depending on the formulation and weather conditions	approx. 15 - 30 minutes
Temperature	processing, ambient and sub-base temperature	≥ 5 °C

Set concrete properties acc. to TL BEB-StB - initial test for fast-setting concrete type A

Compressive strength $f_{c,cube}$	after 2 hours after 12 hours after 28 days	≥ 20 MPa ≥ 30 MPa ≥ 45 MPa
Flexural strength $f_{ct,bz}$	after 5 hours after 28 days	≥ 3,0 MPa ≥ 4,5 MPa
Frost and deicer resistance	after 28 freeze-thaw cycles	≤ 1.500 g/m²

Hints: All the afore-mentioned technical data are examples and depend on the formulation.

PROCESSING

Mixing technology

As mixing technology, volumetric mixer trucks (e.g. Cemen Tech M-Series) should be favoured. Volumetric mixer trucks hold all the concrete components separated from each other and mix them on site to fresh concrete. This ensures optimal processing of the fast-setting concrete.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

The parameters for the consistency and processing time pre-programmed in the system, can be adapted on site to cope flexibly with differing weather conditions. When fully loaded, a volumetric mixer truck can produce approx. 8 m³ of concrete. The storage chambers for aggregates and cement can also be charged continuously during the mixing process to produce larger quantities of concrete.

General processing instructions
Apply Rapid Set Concrete quickly in a uniform layer thickness, compacted, level and smooth. Apply the surface texture, e.g. a broom finish. Immediately after the last processing step, protect the fresh concrete surface from drying out with suitable measures, e.g. apply liquid curing agent (paraffin-based).
Higher temperatures shorten, lower temperatures extend the working time.

JOINTS

All joints in the base concrete have to be taken over. The concrete has to be separated from uprising masonry (walls, columns, etc.).

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR Level

per 10/2026

mineral, self-leveling, fast-setting industrial floor (thin screed) for wearing layers

DESCRIPTION

NEODUR Level is a ready to use, cementitious, mineral, fast-setting, polymer-modified, self-leveling industrial floor (thin screed) with wearing aggregates on the basis of KORODUR hard aggregates for layer thickness from 4 to 30 mm. A layer thickness of 6 - 10 mm is recommended.

APPLICATION

For the production of direct wearing layers, bonded on mineral concrete sub-bases or cement screeds, as industrial floor for new construction and repair, e.g. in service and store rooms, production halls, underground car parks, sales rooms etc.

PROPERTIES

- easy to mix
- highly flowable
- pumpable
- fast-setting
- early walkability
- highly stressable
- almost tension-free

TECHNICAL DATA

Quality	CT-C40-F8-AR0,5
Granulometry	0 - 2 mm
Colour	grey
Reaction to fire	A1fl
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C 40
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F 8
Abrasive wear determination of wear resistance acc. to BCA acc. to DIN EN 13892-4	AR 0,5
Temperature	sub-base approx. 8 °C - 25 °C air approx. 8 °C - 30 °C
Water addition	approx. 4,75 l/25 kg bag
Working time at +18 °C and 65 % rel. air humidity	approx. 30 minutes
Layer thickness	4 - 30 mm
Stress / use	ready for foot traffic after approx. 3 hours light stress after approx. 24 hours full stress after approx. 3 days
Material consumption per m² / per mm layer thickness	approx. 1,7 kg/m²/mm

PROCESSING

Sub-base

Prepare cementitious sub-base by milling and/or shot peening. Existing cracks, breakouts and damaged joints must be properly repaired. The sub-base must be load-bearing, solid, clean, dry, crack-free and free from loose debris, oils, greases and other contamination impairing the bond.

Surface bond strength:
- without traffic stress ≥ 1,0 N/mm²
- with traffic stress ≥ 1,5 N/mm²

The demands acc. to DIN 18365 and DIN 18560 apply. Application of KORODUR PC primer on the prepared sub-base. Processing see data sheet KORODUR PC.

Processing
Mix NEODUR Level in a clean container (e.g. KORODUR 30-liter measuring bucket) with approx. 4,5 l to 5,0 l water, using a suitable stirrer with minimum 650 rpm or in pan type mixer (e.g. Collomix LevMix or Hippo-Mixer) for approx. 3 - 5 minutes to a lump-free and homogenous mix.
For mechanical processing use customary worm pumps (e.g. Duo-Mix 2000 or inoCOMP Cabrio) and continuous mixing pumps (slump acc. to DIN EN 12706 = approx. 130 - 140 mm with cylinder/measuring tube with d = 32 mm and h = 51 mm). Do not use mixing equipment that entraps big amounts of air.
For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with spiked roller. Keep material temperature ≥ 10 °C. Apply mixed NEODUR Level within 30 minutes.

CURING

Differing temperatures may influence the setting and hardening process. NEODUR Level must be protected from too rapid drying out, air draught, direct exposure to sun and heat acc. to DIN EN 13670 / DIN 1045-3. The air and ground temperature during the application and one week after should be ≥ 8 °C. After drying/walkability we recommend a suitable impregnation or first maintenance treatment. This improves the chemical resistance and has a moisture and dirt repellent effect. Moreover, it optimizes the optical appearance and leads to a dust-free surface.

JOINTS

Joints in the sub-base have to be taken over in the NEODUR Level wearing layer. The NEODUR Level screed has to be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging
750 kg big bag

STORAGE

Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR Level AU

per 10/2026

self-leveling, fast-setting underlayment

DESCRIPTION

NEODUR Level AU is a ready to use, cementitious, mineral, fast-setting, self-leveling underlayment for layer thickness from 5 to 50 mm.

To compensate unevenness in the floor, applied in bond on cementitious sub-bases as underlayment for the laying of e.g. ceramic tiles and slabs, marble and natural stone tiles, PVC coverings, carpeting in residential and industrial buildings, also suitable for NEODUR Level industrial floor (see data sheet).
NEODUR Level AU must always receive a covering layer.

PROPERTIES

- easy to mix
- highly flowable
- pumpable
- fast-setting
- early ready for covering
- almost tension-free

TECHNICAL DATA

Quality	CT-C35-F5
Colour	grey
Reaction to fire	A1fl
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	C 30
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	F 5
Temperature	sub-base approx. 8 °C - 25 °C air approx. 8 °C - 30 °C
Water addition	approx. 4,0 l/25 kg bag
Processing time at 20 °C	approx. 30 minutes
Layer thickness	5 - 50 mm
Stress depending on temperature walkability application at moisture insensitive floors application at moisture sensitive floors	 after approx. 3 - 4 hours after approx. 24 hours after approx. 48 hours
Material consumption per m² / per mm layer thickness	approx. 1,7 kg/m²/mm

PROCESSING

Sub-base
Prepare cementitious sub-base by milling and/or shot peening. Existing cracks, breakouts and damaged joints must be properly repaired.
The sub-base must be load-bearing, solid, clean, dry, crack-free and free from loose particles, oils, greases and other contamination impairing the bond.
Surface bond strength: • without traffic stress ≥ 1,0 N/mm²
The demands acc. to DIN 18365 and DIN 18560 apply. Application of KORODUR PC primer on the prepared sub-base. Processing see data sheet KORODUR PC.

Processing
Mix NEODUR Level AU in a clean container (e.g. KORODUR 30-liter measuring bucket) with approx. 4,0 l water, using a suitable stirrer with minimum 650 rpm or in pan type mixer (e.g. Collomix LevMix or Hippo-Mixer) for approx. 3 - 5 minutes to a lump-free and homogenous mix.
For mechanical processing use customary worm pumps (e.g. Duo-Mix 2000 or inoCOMP Cabrio) and continuous mixing pumps (slump acc. to DIN EN 12706 = approx. 13 - 14 mm with cylinder/measuring tube with d = 32 mm and h = 51 mm). Do not use mixing equipment that entraps big amounts of air.
For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with spiked roller. Apply mixed NEODUR Level AU within 30 minutes.

CURING
Differing temperatures may influence the setting and hardening process. Under normal conditions at 20 °C no curing is required. Avoid installation in extremely dry, windy, hot or sunny conditions.

JOINTS
Joints in the sub-base have to be taken over in the NEODUR Level AU underlayment layer. The NEODUR Level AU has to be separated from uprising masonry (walls, columns etc.).

SUPPLY
25 kg special paper packaging

STORAGE
Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR PC

per 10/2026

primer for pre-treatment of self-leveling coatings

DESCRIPTION

KORODUR PC is a liquid, solvent-free, one-component, water dilutable, synthetic resin dispersion for pre-treatment of absorbent sub-bases for self-leveling NEODUR Level coatings.

APPLICATION

KORODUR PC is used for priming absorbent sub-bases, indoors, to protect subsequently applied flooring materials from premature dehydration. As well used as bonding primer on smooth, dense sub-bases and as mortar additive in case of thermal stress in outdoor areas. KORODUR PC is especially suitable as primer on cementitious sub-bases for self-leveling coatings, such as NEODUR Level, NEODUR Level AU and LevelFlor.

PROPERTIES

- improves bond strength
- high yield
- applicable on almost any type of sub-base
- suitable for underfloor heating
- ready to use
- water dilutable
- solvent-free
- indoors

TECHNICAL DATA

Condition	liquid
Colour	light blue
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Mixing ratio on dense sub-bases in the ratio on absorbent sub-bases in the ratio	1:1 (KORODUR PC : water) 1:3 (KORODUR PC : water)
Material consumption depending on the absorbency of the sub-base	approx. 50 - 200 g/m²
Hazard statements / labelling acc. to GefStoffV and VbF	not subject to labelling

PROCESSING

Sub-base

Prepare sub-base by milling and/or shot peening. Existing cracks, breakouts and damaged joints have to be properly repaired. The sub-base must be load-bearing, solid, clean, dry, crack-free and free from loose particles, oils, greases and other bond impairing contamination.

Surface bond strength:
- without traffic stress ≥ 1,0 N/mm²
- with traffic stress ≥ 1,5 N/mm²

The requirements of DIN 18365 and DIN 18560 apply.

Processing

Stir KORODUR PC before use. Dilute the pre-coat according to the field of use (see mixing ratio). Apply KORODUR PC by means of roller, brush, street broom or rubber squeegee on to the prepared sub-base. Avoid formation of puddles. In case of absorbent sub-bases, to avoid formation of bubbles in the applied coat, the primer should be applied one day prior to the application in a mixing ratio of 1:3 to 1:4. At the time of application of LevelFlor, NEODUR Level or Level AU, the KORODUR PC must be tacky dry.

SUPPLY

5 kg plastic container

STORAGE

Cool, dry and frost-free in original packaging.
Shelf-life approx. 12 months. Reclose opened containers immediately after use.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification): hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothes and safety goggles when working. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KOROCURE

per 10/2026

temporary evaporation protection for intermediate curing of fresh concrete

DESCRIPTION

KOROCURE is a liquid temporary evaporation protection for intermediate curing. To protect the fresh concrete, depending on its grade, ambient and weather conditions, measures for intermediate curing should be taken acc. to DIN EN 13670:2011-03 in combination with DIN 1045-3:2023-08. The intermediate curing restrains the water in the concrete from evaporation, at wind and direct sun exposure. Thus, there is sufficient water in the concrete to allow the cement to hydrate properly.

APPLICATION

The temporary curing with KOROCURE starts immediately and in sections after casting of the concrete. In case the evaporation is higher than the expected bleeding, the intermediate curing has to start as early as possible. The same refers to a concrete installation at a water-cement ratio of < 0,5. Also here the surface must be protected by an intermediate curing. In case KOROCURE is used as primer for hard aggregate coatings, it is applied as soon as the concrete is ready for walking stress. There must be no standing water on the concrete surface, the surface should be matt-damp.

PROPERTIES

- ready to use
- solvent-free
- complete hydration
- reduces the water evaporation
- minimizes the formation of early shrinkage (hairline cracks)

TECHNICAL DATA

Condition	liquid
Colour	yellowish
Density (20 °C)	on average 1,0 kg/dm³
pH-value	approx. 11
Material consumption depending on the absorbency of sub-base	approx. 120 g/m²
Yield per 30 kg can	approx. 250 m²

PROCESSING

Sub-base
Before curing, remove puddles and excessive water.

Processing
Before application, stir KOROCURE thoroughly. According to the intended use, the intermediate curing should be timely applied. KOROCURE is supplied ready to use and is sprayed undiluted over the surface as fine, dense mist using a suitable spraying device. Avoid formation of puddles. The effect of KOROCURE intermediate curing depends on the uniformity and tightness of the applied material film. Prior to the application of the KORODUR / NEODUR hard aggregate products, the surface cured with KOROCURE must be treated once with disk float! After use, clean all tools thoroughly with clear water.

SUPPLEMENTARY HINTS

KOROCURE does not replace the required after-treatment of smoothed KORODUR industrial floors.

SUPPLY

30 kg plastic container

STORAGE

Cool, dry and frost-free in original packaging. Reclose opened containers immediately.
Shelf-life approx. 12 months.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification): hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothes and safety goggles when working. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KOROTEX

per 10/2026

curing agent on acrylic resin basis

DESCRIPTION

KOROTEX is a liquid, solvent-free, acrylic resin dispersion that after drying produces a transparent and slightly shiny film that protects the industrial floor, concrete or cement screed, effectively from premature drying out and prevents possible damage (crack formation, surface damage) due to insufficient after-treatment.

APPLICATION

KOROTEX is used for curing freshly installed KORODUR industrial floors, concrete surfaces and cementitious screeds – see DIN 18353 and DIN 18560. KOROTEX evaporation protection is particularly important at higher temperatures, low air humidity and drafts.

PROPERTIES

- ready to use
- optimal hydration process
- high barrier effect / high evaporation protection
- minimizes the formation of early shrinkage cracking
- uniform protective film
- improvement of strength properties in the near-surface layer

TECHNICAL DATA

Condition	liquid
Colour	white
Density	1,01 kg/l
Soluble	in water
Processing temperature	5 °C - 35 °C
Material consumption depending on the absorbency of sub-base	approx. 100 - 150 g/m²
Yield per 30 kg-can	approx. 200 - 300 m²

PROCESSING

Sub-base
Before curing, remove puddles and excessive water.

Processing
Before application, stir KOROTEX thoroughly. Spray KOROTEX immediately after the last smoothing step of the KORODUR industrial floor, the concrete or cement screed, when the surface turns matt damp. Spray undiluted and uniformly covering as fine mist. The earlier the KOROTEX is applied on the matt-damp or unmolded surface, the more effective the protection. Similar to the paint spraying process, care should be taken not to spray too much KOROTEX on the same spot to avoid optically unsightly staining. The freshly applied KOROTEX curing film initially has a white appearance. After drying, a transparent, slightly shiny film shows.
For spraying, use commercially available spraying devices with appropriate nozzles. Clean tools with clear water immediately after use. Do not use sprayers previously used for silicone or formwork oil! Alternatively, the application with a lambskin roller is possible, however, it increases the consumption.
If later paint coats, markings or organic-based coatings (e.g. acrylic resin, synthetic resin dispersion) are applied, preliminary tests are indispensable. Reaction resin products (e.g. EP- or PU-systems) are not recommended.

SUPPLY

1.000 kg one-way container
30 kg plastic container

STORAGE

Cool, dry and frost-free in original packaging. Reclose opened containers immediately.
Shelf-life approx. 12 months.

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KOROMINERAL CURE

per 10/2026

combined curing and surface protection (“2 in 1”)
on the basis of lithium silicate, for cementitious concrete and industrial floors

DESCRIPTION

KOROMINERAL CURE is a liquid, one-component, membrane-forming curing compound to prevent premature drying out in combination with silicatization.
KOROMINERAL CURE provides long-lasting protection against moisture, dirt and wear. The silicate penetrates deeply in the pores of the concrete, reacts with the free calcium and forms a durable bond with the concrete, both indoors and outdoors. After the application, the surface is dust-proof and water-repellent. KOROMINERAL CURE dries transparently.

APPLICATION

KOROMINERAL CURE is applied as curing agent on the freshly installed KORODUR industrial floors, concrete surfaces and cementitious screeds acc. to DIN 18353 and DIN 18560, providing at the same time surface protection (impregnation) against moisture, dirt and wear, for reduction of wear penetration depth, for improvement of frost / thaw resistance and for treatment of dusting and sanding concrete floors. KOROMINERAL CURE is sprayed on undiluted and evenly covering as fine mist, immediately after the last smoothing step, at the time when the matt dampness of the KORODUR industrial floor or the concrete or the cement screed sets in.

PROPERTIES

- combined curing and surface protection
- water-vapor permeable
- reduces the penetration of water, dirt and / or chemicals
- improved cleanability
- less dust formation
- solvent-free
- pore-filling
- user-friendly, odorless

TECHNICAL DATA

Condition	liquid
Colour	milky white
Density	1,12 g/cm³
pH-value	approx. 11 (alkaline)
Drying time In general, the drying time depends on the method and quantity of application and the on-site ambient conditions.	approx. 1 day after 12 hours light foot traffic after approx. 28 days excess material can be removed using a cleaning machine with black pads.
Material consumption depending on the absorbency of sub-base Precise values can be ascertained in pilot tests.	approx. 60 – 100 ml/m²
Yield per 25 kg can	approx. 250 – 400 m²

PROCESSING

Stir KOROMINERAL CURE before application. Then apply immediately. To prevent sedimentation of the active component, it is recommended to use an attachable low-pressure sprayer with permanent material mixing. KOROMINERAL CURE must not be diluted. The application can take place immediately after the last smoothing step. Bleeding water and a too early/too late application may adversely affect the curing effect and surface appearance. Apply KOROMINERAL CURE uniformly in strips. Do not apply too much material. Joints and/or profiles should serve as limitations. Apply KOROMINERAL CURE only once. Tools can be cleaned with commercially available lye.

SUPPLY

25 l plastic can

STORAGE

Dry and frost-free in closed original packaging, at temperature not ≥ 30°C. Reclose opened containers immediately. Shelf-life approx. 6 months.

HINTS: KOROMINERAL CURE is non-toxic. KOROMINERAL CURE has an alkaline reaction. Avoid contact with skin and eyes. Wear suitable protective gloves, work clothes and safety goggles when working. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Take care that material does not enter into sewers or road drains. Disposal acc. the applicable regulations. Keep out of the reach of children. Follow the instructions on the container. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KOROMINERAL

per 10/2026

liquid impregnation – surface modification on silicate basis

DESCRIPTION

KOROMINERAL is a liquid, transparent impregnation on silicate basis for the improvement of mineral surfaces. Due to the increasing silicification, the cement matrix improves in the course of time. A significant improvement of the wear resistance is not possible.

APPLICATION

KOROMINERAL is used for the impregnation of concrete or screed surfaces. KOROMINERAL is especially suitable for mineral sub-bases, such as screeds and cementitious industrial floors, for storage and production areas, cold stores etc.
KOROMINERAL provides solidification and densification of the pore structure in the grinding procedure.

PROPERTIES

- improved surface properties
- increased density
- water-repellent effect
- improved surface hardness and chemical resistance
- improved sheen
- less dusting
- improved cleanability

TECHNICAL DATA

Condition	liquid
Colour	transparent
Density	1,12 g/cm³
pH-value	approx. 11,3
Processing temperature	5 °C – 35 °C
Material consumption depending on the absorbency of sub-base Precise values can be ascertained in pilot tests.	approx. 100 – 200 g/m²
Yield per 30 kg unit	approx. 150 – 300 m²

PROCESSING

The impregnation of freshly installed concrete or screed surfaces with KOROMINERAL can be carried out at the earliest after the surface has dried. Irritations or colour differences will not be concealed by the application of KOROMINERAL.

Sub-base
The sub-base must be dry, solid, clean, absorbent and free from oil, grease and other contamination with separating effect. Wet cleaning of the surface, e.g. using cleaning machines, must take place immediately before the application of KOROMINERAL.

Processing
KOROMINERAL is supplied ready to use. It is applied undiluted in one working step until saturation is achieved. The application is carried out using e.g. a rubber squeegee, then rolling over cross-wise with short-hair lambskin roller. Excess material must be thoroughly removed (avoid formation of puddles). In order to remove residues, we recommend a wet cleaning of the floor with clear water (cleaning machines) after the application (approx. 30 minutes). In order to respond to the local conditions, we recommend to carry out pilot tests.

SUPPLY

30 kg plastic container

STORAGE

Dry and frost-free in closed original packaging. Reclose opened containers immediately. Shelf-life approx. 12 months.

HINTS: KOROMINERAL has an alkaline reaction. Avoid contact with skin and eyes. Wear suitable protective gloves, work clothes and safety goggles when working. In case of contact with eyes rinse immediately with plenty of water and contact doctor. KOROMINERAL in fresh condition must not get in contact with glass or aluminium. If so, rinse with plenty of water. Spilled KOROMINERAL can immediately be removed with sand or any absorbent material. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KOROMINERAL Li+

per 10/2026

liquid impregnation with integrated stain protection on the basis of hybrid lithium silicate

DESCRIPTION

KOROMINERAL Li+ is a liquid, transparent impregnation on the basis of hybrid lithium silicate with integrated stain protection for the improvement of mineral surfaces.

APPLICATION

KOROMINERAL Li+ is used for the impregnation of mineral, cementitious sub-bases, such as polished and not polished concrete floors/screeds, prefab concrete/terrazzo.
KOROMINERAL Li+ penetrates deeply into the surface and reacts with the free lime to calcium silicate hydrate, which gradually hydrates into a glass-like crystalline structure.
The penetration of liquids and other dirt is reduced. The surfaces are easier to clean and obtain increasingly more shine. The surface remains open to diffusion.

PROPERTIES

- improved surface properties
- increased density
- integrated stain protection
- water-repellent effect
- improved surface hardness and chemical resistance
- improved sheen
- less dusting
- improved cleanability
- diffusion-open

TECHNICAL DATA

Condition	liquid
Colour	transparent
Density acc. to DIN EN ISO 2811-2	0,88 g/cm³
Surface temperature	5 °C - 35 °C
Material consumption depending on the absorbency of sub-base precise values can be ascertained in pilot tests	approx. 100 - 200 g/m²
Yield per 20 kg unit	approx. 70 - 140 m²

PROCESSING

Sub-base
The sub-base must be dry, solid, clean, absorbent and free from oil, grease and other contamination with separating effect. Mechanical wet cleaning is mandatory.

Processing
KOROMINERAL Li+ is supplied ready to use. It is applied undiluted in one working step until saturation is achieved. The application is carried out uniformly with airless sprayer (nozzle 0,2 - 0,3). Immediately after the application, hand in hand by a second person, the surface is rolled with short-pile roller (polyamide) or treated with microfiber mop. Avoid the formation of puddles. Remove excess material after approx. 20 minutes using a scrubbing machine or polishing pad. The drying time ranges between 1 - 2 hours. In case of highly absorbent floors, two applications are recommended. The second application has to be carried out damp in damp, as the product quickly develops its repellent effect. Protect adjacent surfaces against splashing. Remove excess material before drying. Avoid exposure to direct sun radiation during the application. The surface temperature should range between 5 °C and 35 °C. Avoid direct exposure to moisture until completely dry. Clean tools with water. In order to respond to the local conditions, we recommend to carry out pilot tests.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

SUPPLY	20 kg plastic container
STORAGE	Dry and frost-free in closed original packaging. Reclose opened containers immediately. Shelf-life approx. 12 months.

HINTS: KOROMINERAL Li+ is harmless to health after drying. Ventilate during and after processing. When spraying, special safety precautions must be observed. Ingredients: silica acid, lithium salt, potassium methyl silane triolate. Labeling acc. to Regulation (EC) No. 1272/2008. Causes skin irritation. Causes serious eye damage. Do not inhale dust/fume/gas/mist/vapors/aerosols. Wear protective gloves/protective work clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin irritation: get medical advice/attention. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

KOROCLEAN PROCEDURE

per 10/2026

For high-grade industrial floors
for superior performance, technical- and optical-wise

DESCRIPTION

Industrial floors are extremely heavily stressed components that require special consideration both during production and cleaning, because they are subject to extraordinary wear and tear. The requirements for an industrial floor include high compressive strength, abrasion resistance, impact strength, structural density, work safety as well as appearance and cleanability. KORODUR and NEODUR hard aggregate industrial screeds meet all these requirements and offer maximum long-term benefits.

KOROCLEAN is both technically and economically a most reasonable alternative to conventional final site cleaning before the floor surface is released for operation.

KOROCLEAN renders KORODUR floors improved surface features and maximum value of use: The abrasion resistance is additionally increased, the floor is dust-free and also easier to clean. The KOROCLEAN procedure provides the hard aggregate floor extremely high quality in technical and optical respect.

The cement skin that forms during smoothing on the surface is gently removed during the KOROCLEAN procedure. When polishing the surface, the cement paste is removed in the µ range, the cross-section of the grain does not appear as it does when grinding. The pore structure is removed, less dirt can settle, the floor is easier to clean.

APPLICATION

The KOROCLEAN procedure is suitable for KORODUR and NEODUR hard aggregate industrial floors in all fields of application, likewise any other cementitious industrial floors.
For sales, prestigious and event areas, the KOROCLEAN procedure offers besides the technical benefits, also a very high quality standard. The durable and resilient surface finish can be produced from silk-matt to high-gloss, on customer request. The KOROCLEAN technology meets any architectural design demands for a modern industrial floor.

As needed, the cleanability of the KOROCLEAN surface can be improved by an additional impregnation. Various products are available such as KOROPOX, KOROMINERAL or KOROMINERAL Li+, see the relevant data sheet. An impregnation will reduce the formation of stains and significantly improve the cleanability of the KOROCLEAN surface.

PROPERTIES

- reduction of colour irritations
- enhances colour and texture appearance
- on request, light reflection from silky sheen to high gloss
- superior optical appearance
- efficacious cleaning
- easy to maintain
- agreeable in use
- cost-efficient in production
- nearly maintenance-free

CONTACT

For further information please contact your KORODUR partner.

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR easyFinish

per 10/2026

Processing and smoothing aid for cementitious concrete and screed systems

DESCRIPTION

KORODUR easyFinish is a liquid, solvent-free, ready for use synthetic resin dispersion, the ideal smoothing aid. KORODUR easyFinish was specially developed as smoothing aid for cementitious systems.

APPLICATION

KORODUR easyFinish can be used for the production of concrete and screed surfaces, on fresh to matt damp surfaces as a smoothing aid.

Spray KORODUR easyFinish onto the trowelled surface before the first smoothing pass with helicopter and work it in. The smoothing process is facilitated and the surface additionally improved.

PROPERTIES

- ready to use
- improves the smoothing properties of the surface
- improves the surface appearance
- solvent-free
- indoors and outdoors

TECHNICAL DATA

Condition	liquid
Colour	bluish
Density	1,0 +/- 0,02 kg/m³
Material consumption	approx. 150 ml/m²
Temperature processing and surface temperature	≥ 5 °C

PROCESSING

Stir KORODUR easyFinish before use. Apply KORODUR easyFinish as processing aid by spraying with a suitable spraying device. The surface must not show any water film, it must be matt damp. Apply KORODUR easyFinish for the first time after the last trowelling. The second and third application is done during smoothing. Puddles should be avoided.
The efficiency depends on the uniformity and closeness of the applied film.

CLEANING

Clean working tools with clear water.

HINTS

KORODUR easyFinish is not a curing agent and does not replace the necessary after-treatment of the smoothed KORODUR industrial floor.
With respect to the intended use and suitability of surfaces, e.g. an additional coating or care treatment, object-specific preliminary tests must be carried out.

SUPPLY

1.000 kg disposable container
30 kg plastic can

STORAGE

Store cool, dry and frost-free in the original container.
Shelf life approx. 12 months. Close once opened containers immediately.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification); hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothing and safety goggles. Keep out of reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR nanoFinish

per 10/2026

High-grade, liquid processing and smoothing aid based on nano silica

DESCRIPTION

KORODUR nanoFinish is a high quality, liquid, ready-to-use nano silica for the finishing of KORODUR industrial floors.
KORODUR nanoFinish slows down the moisture loss and extends the working time.
This facilitates and improves surface finishing during smoothing, even under hot, dry, sunny, and windy conditions.

APPLICATION

KORODUR nanoFinish is applied during smoothing. Due to the film formation the smoothing process is improved, the drying out is slowed down and the addition of water becomes unnecessary. Nano-silica technology slows down water evaporation, retains moisture during surface treatment, and allows for complete hydration with maximum strength development. The probability of efflorescence, cracking due to early shrinkage (plastic shrinkage) and other surface irritations is reduced.

PROPERTIES

- ready-to-use
- extends surface treatment time
- improves the smoothing process of the surface
- improves the optical appearance of the surface
- increases the surface density
- accruing maintenance costs are reduced due to the improved surface quality
- indoors and outdoors

TECHNICAL DATA

Condition	liquid
Colour	milky dull
Density	1,035 g/cm³
pH-value	5
Material consumption	approx. 100 g/m²
Processing and surface temperature	≥ 5 °C

PROCESSING

Stir KORODUR nanoFinish before use. Apply KORODUR nanoFinish uniformly three to four times as a processing aid by spraying with a suitable spraying device. The surface must not show any water film, it must be matt damp. The first application of KORODUR nanoFinish is made after the last disk smoothing pass. The second to fourth application is done during smoothing. Puddles should be avoided. The effectiveness depends on the uniformity and closeness of the applied film. KORODUR nanoFinish does not replace the necessary after-treatment of the KORODUR industrial floor e.g. with KOROTEX, see data sheet.

CLEANING

Clean working tools with clear water and soap.

HINTS

KORODUR nanoFinish is non-toxic, but slightly acidic. Therefore, do not pour out excess material into the sewage system, but use it up if possible or let it dry and dispose according to local regulations.

SUPPLY

30 kg plastic can

STORAGE

Store cool, dry and frost-free in the original container.
Shelf life approx. 12 months. Close once opened containers immediately.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification); hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothing and safety goggles. Keep out of reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MAINTENANCE SYSTEMS

per 10/2026

for KORODUR industrial floors and decorative screeds

PRODUCT	DESCRIPTION	APPLICATION FIELDS
HARD AGGREGATE FLOORS	**KORODUR / NEODUR Industrial Screeds**	
THILOS thin liquid	impregnation solvent-containing with stain protector effect	finely ground, polished concretes polished and unpolished industrial floors magnesite screeds
GLOSSPROFI 1905	care and cleaner concentrate	finely ground, polished concretes/screeds cementitious industrial floors calcareous natural stone, terrazzo and cast concrete stone
KOROCLEAN PROCEDURE	MKS-Funke grinding procedure	alternative to conventional final site cleaning before release of the floor for operation
KOROMINERAL	silicate-based impregnation	concrete or screed surfaces, cementitious industrial floors
KOROMINERAL Li+	hybrid lithium silicate-based impregnation with stain protector	polished and unpolished concretes/screeds cementitious industrial floors, terrazzo and cast stone
KOROPOX	epoxy resin-based impregnation, 2-components, water-emulsifiable concentrate	concrete or screed surfaces mineral, cementitious industrial floors
DECORATIVE SCREEDS	**KCF 05 / KCF 05 rapid / KCF 08** - smoothed optics **GRANIDUR BIANCO/NERO / GRANIDUR 05 / GRANIDUR 05 rapid / GRANIDUR 08** - polished optics	
OBTEGO P-10 / P-20 as pore filler + **OBTEGO R-400** as stain protector	water-based primers P-10 based on fluorocarbon oligomer P-20 based on acrylic copolymer	cementitious, polished and unpolished floors, industrial concrete/terrazzo, screeds, granite, gneiss, quartzite, sandstone, travertine, marble, limestone, slate and artificial stone
	impregnation solvent-containing silane-based, water- and oil-repellent	
THILOS thin liquid	impregnation solvent-containing with stain protector effect	only suitable for polished GRANIDUR optics
GLOSSPROFI 1905	care and cleaner concentrate	only suitable for polished GRANIDUR optics
TK6 NanoCoat matt or glossy	self-cross-linking water-based nano-copolymer	smoothed, ground and polished concrete and cement screed surfaces, terrazzo, concrete and marble
SELF-LEVELING FLOORS	**NEODUR Level** - self-leveling industrial floor **TRU Self-Leveling / TRU PC / TRU SP** - self-leveling decorative screeds, polished optics	
OBTEGO P-3 as pore filler + **OBTEGO R-400** as stain protector (2x)	mixed silicate based on potassium and lithium water glass	cementitious, polished and unpolished floors, industrial concrete/terrazzo, screeds, granite, gneiss, quartzite, sandstone, travertine, marble, limestone, slate and artificial stone
	impregnation solvent-containing silane-based, water- and oil-repellent	
TK6 NanoCoat matt or glossy	self-cross-linking water-based nano-copolymer	self-leveling cementitious decorative screeds and underlayments

MANUFACTURER / SUPPLIER	MKS Funke GmbH, 46395 Bocholt	THILOS thin liquid / GLOSSPROFI 1905
	OBTEGO AG, 84051 Altheim	OBTEGO P-3 / P-10 / P-20 / R-400
	Seelbach Int. GmbH, 56477 Rennerod	TK6 NanoCoat

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR DUROP

per 10/2026

synthetic filling and dry-shake material
for synthetic resin coatings in road and bridge construction, industrial flooring construction, car parks

DESCRIPTION

DUROP is a synthetic mineral aggregate used as filling and dry-shake material for synthetic resin systems.
The cubic-angular grain shape from electro-metallurgical melting processes is particularly wear resistant and non-skid. DUROP is available in the fractions

- DUROP 0,5/1
- DUROP 1/2
- DUROP 2/3
- DUROP 2/5

APPLICATION

The excellent wear-resistance, anti-slip property and polishing resistance of DUROP offer manifold possibilities of application in industrial flooring as well as in road construction. Major fields of use are dairies, breweries, slaughter houses, wet production facilities, chemical factories, battery rooms, ramps and car parks. DUROP is as well suitable for driving lanes, bicycle trails, anti-skid bridge coatings and passages, e.g. at airports.
DUROP effects a significant grip improvement and thus provides a major contribution to accident reduction. The noticeably reduced rolling noises in addition are considered as active noise protection. DUROP is also suitable as dry-shake material for bituminous driving lanes to improve the anti-skid properties of mastic asphalt (standard construction system) acc. to RSTO 2001.

PROPERTIES

- wear-resistant
- good cubicity
- high polished stone value
- reduced noise emissions
- optimized anti-slip property of wet surfaces (highways)

TECHNICAL DATA

Grain fractions	DUROP 0,5/1 DUROP 1/2 DUROP 2/3 DUROP 2/5	0,5 - 1 mm 1 - 2 mm 2 - 3 mm 2 - 5 mm
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	all fractions	approx. 7,0 cm³/50 cm²
Hardness acc. to Mohs	all fractions	8
Compressive strength measured on synthetic prisms	all fractions	approx. 110/120 N/mm²
Flexural strength measured on synthetic prisms	all fractions	approx. 35/40 N/mm²
Bulk density measured on synthetic prisms	all fractions	approx. 3,5 g/cm³
Water absorption measured on synthetic prisms	all fractions	0,06
Impact resistance value SZ-value	all fractions	15,9
Polishing coefficient	PSV 5/6,3 mm	approx. 61
TL mineral -StB 04 technical delivery conditions for aggregates in road construction	all fractions	☑

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

Processing in different thickness acc. to the specifications of the producer/formulator of the synthetic resin, qualified for almost any synthetic resin system. In case of special requirements to optical appearance, we recommend to apply a top sealer (on request coloured), providing a uniform appearance and improved usability/cleanability. It is recommended to apply a test area. The material has a dark anthracite colour, depending on the nature of the raw materials.

SUPPLY

25 kg special paper packaging

STORAGE

in dry condition

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR COPETTI FLOOR - KCF

per 10/2026

mineral KORODUR decorative screed
in marble, smoothed optics

DESCRIPTION

KCF 05 and KCF 08 are factory produced, mineral, coloured dry mortars on the basis of KORODUR hard aggregates acc. to DIN 1100 (group A) for the production of smoothed, decorative screeds in marble optics in layer thickness from 15 mm to maximum 70 mm, depending on the construction.

APPLICATION

KCF 05 and KCF 08 are installed in one or two layers acc. to
- DIN 18560-2 screeds and heated screeds on insulation layer
- DIN 18560-3 bonded screeds with KORODUR HB 5 bonding compound (see data sheet)
- DIN 18560-4 screeds on separation layer

KCF 05 is also available as fast-setting variant - KCF 05 rapid (with dimensionally stable binder on ternary basis) (see data sheet).

PROPERTIES

- resistant against mechanical stress
- mineral
- durable
- anti-skid
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	KCF 05 KCF 08	CT-C45-F6-A6 CT-C35-F5-A6
Granulometry	KCF 05 KCF 08	0 - 5 mm 0 - 8 mm
Colour	all qualities	cement grey, other colours on request
Fire class acc. to DIN EN 13501-1	all qualities	$A1_{fl}$
Wear resistance abrasive wear acc. to Böhme acc. to DIN EN 13892-3	all qualities	≤ 6,0 cm³/50 cm²
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	KCF 05 KCF 08	C45 C35
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	KCF 05 KCF 08	F6 F5
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water addition	KCF 05 KCF 08	approx. 2,50 l/25 kg bag approx. 2,25 l/25 kg bag
Layer thickness, depending on installation method acc. to DIN 18560-3 in one layer as bonded screed acc. to DIN 18560-4 in one layer on separation layer acc. to DIN 18560-2 in one layer on insulation layer	 KCF 05 KCF 08 KCF 08 KCF 08	 15 - 25 mm 25 - 50 mm 35 - 70 mm 45 - 70 mm
Material consumption per m² / per mm layer thickness	all qualities	approx. 2,1 kg

PROCESSING

Sub-base
Prepare the cementitious sub-base as supporting concrete in strength class C25/30 or as base screed in strength class at least CT-C40-F6, e.g. by milling and shot-peening. Existing cracks, break-outs and damaged joints must be professionally repaired. Surface bond strength ≥ 1,5 N/mm² for areas subject to traffic stress or ≥ 1,0 N/mm² for areas not subject to traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, grease or other contaminants that may impair adhesion. The requirements of DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.
Pre-treat supporting concrete or screed with universal primer KORODUR uniPrimer (see data sheet) or alternatively pre-wet thoroughly one day before installation, avoid puddle formation.

As supporting concrete, use only cementitious concrete systems acc. to strength class ≥ C 25/30. As supporting screed, use only low shrinkage, fast-setting screed systems on basis of ternary binders KORODUR FSCem Screed (dry mortar) or KORODUR FSCem (screed binder for mixing on site) acc. to DIN 18560 and DIN EN 13813 in quality CT-C40-F6. Layer thickness min. 65 mm.

Processing
Apply KORODUR HB 5 bonding compound system-compliant on the matt-damp surface (see data sheet). Mix KCF dry mortar with the specified quantity of water in plastic consistency for approx. 3 minutes and apply fresh on fresh on the still moist bonding compound, strike off aligned and trowel pore-closing with disk float. Then smooth repeatedly with wing float until a shiny structure is achieved. Edge areas to be smoothed manually.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. KCF must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the decorative screed we recommend the use of appropriate covering materials (e.g. 400 g painters' cardboard). The KOROCLEAN procedure offers a reasonable alternative to the conventional final site cleaning.

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete/base screed have to be taken over in the decorative screed layer. The decorative screed must be separated from uprising masonry (walls, columns etc.).

FIRST CARE TREATMENT

To ensure lasting quality and appealing optics, the whole surface, after sufficient drying and setting, must be cleaned pore-deep and first care treated. Various products are available on request.

SUPPLEMENTARY HINTS

Coloured products are exclusively produced from natural raw materials. Thus, colour deviations cannot be excluded. The printed colour may deviate from the original colour shade. Test areas are recommended. For the surface treatment of coloured, especially light-coloured decorative screeds, we recommend the use of plastic blades to avoid discoloration due to abrasion or heat development. Avoid contact with tools made of aluminium (e.g. levelling aids), as this may result in discoloration due to interaction. Fine crack formation (hairline cracks) or deformation by shrinkage within the system (decorative cement screed) cannot generally be excluded and thus are not considered as defect.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



GRANIDUR

per 10/2026

mineral, polished KORODUR decorative screed in granite optics

DESCRIPTION

GRANIDUR 05 and GRANIDUR 08 are factory-produced, mineral, coloured dry mortars for the production of polished, decorative screeds in granite optics, in layer thickness from 15 mm to maximum 70 mm, depending on the construction.

GRANIDUR 05 and GRANIDUR 08 are applied in one or two layers acc. to
- DIN 18560-2 screeds and heated screeds on insulation layer
- DIN 18560-3 bonded screeds with KORODUR HB 5 bonding compound (see data sheet)
- DIN 18560-4 screeds on separation layer

GRANIDUR 05 is also available as fast-setting variant - GRANIDUR 05 rapid (with dimensionally stable screed binder on ternary basis).

APPLICATION

Use for polished, decorative screeds in sales rooms, museums, show rooms, boutiques, foyers, office and administrative buildings, restaurants, galleries etc.

PROPERTIES

- resistant against mechanical stress
- mineral
- durable
- anti-skid
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	GRANIDUR 05 GRANIDUR 08	CT-C45-F6 CT-C35-F5
Granulometry	GRANIDUR 05 GRANIDUR 08	0 - 5 mm 0 - 8 mm
Colour	all qualities	cement grey, other colours on request
Fire class acc. to DIN EN 13501-1	all qualities	$A1_{fl}$
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	GRANIDUR 05 GRANIDUR 08	C45 C35
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	GRANIDUR 05 GRANIDUR 08	F6 F5
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water addition	GRANIDUR 05 GRANIDUR 08	approx. 2,50 l/25 kg bag approx. 2,25 l/25 kg bag
Layer thickness, depending on installation method acc. to DIN 18560-3 in one layer as bonded screed acc. to DIN 18560-4 in one layer on separation layer acc. to DIN 18560-2 in one layer on insulation layer	 GRANIDUR 05 GRANIDUR 08 GRANIDUR 08 GRANIDUR 08	 15 - 25 mm 25 - 50 mm 35 - 70 mm 45 - 70 mm
Material consumption per m² / per mm layer thickness	all qualities	approx. 2,1 kg

PROCESSING

Sub-base
Prepare the cementitious sub-base as supporting concrete in strength class C 25/30 or as base screed in strength class of at least CT-C40-F6, e.g. by milling and shot-peening. Existing cracks, break-outs and damaged joints must be professionally repaired. Surface bond strength ≥ 1,5 N/mm² for areas subject to traffic stress or ≥ 1,0 N/mm² for areas not subject to traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, grease or other contaminants that may impair adhesion. The requirements of DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.
Pre-treat supporting concrete or screed with universal primer KORODUR uniPrimer (see data sheet) or alternatively pre-wet thoroughly one day before installation, avoid puddle formation.

As supporting concrete, use only cementitious concrete systems acc. to strength class ≥ C 25/30. As supporting screed, use only low shrinkage, fast-setting screed systems on basis of ternary binders KORODUR FSCem Screed (dry mortar) or KORODUR FSCem (screed binder for mixing on site) acc. to DIN 18560 and DIN EN 13813 in quality CT-C40-F6. Layer thickness min. 65 mm.

Processing
Apply KORODUR HB 5 bonding compound system-compliant on the matt-damp surface (see data sheet). Mix GRANIDUR with the specified quantity of water in plastic consistency for approx. 3 minutes and apply fresh on fresh on the still moist bonding compound, strike off aligned and trowel pore-closing with disk float and smooth (wing float).

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. GRANIDUR must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the decorative screed we recommend the use of appropriate covering materials (e.g. 400 g painters' cardboard).

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete/base screed have to be taken over in the decorative screed layer. The decorative screed must be separated from uprising masonry (walls, columns etc.).

GRINDING / POLISHING

The GRANIDUR surface is polished in up to 5 polishing steps (rough, medium, and fine polishing) to achieve the desired optics. The grain structure of the GRANIDUR material becomes visible (terrazzo optics). See also specifications grinding technique of companies MKS Funke / Schwamborn. After the individual polishing passes, the surface must be wet cleaned using cleaning machine.

FIRST CARE TREATMENT

To ensure lasting quality and appealing optics, the whole surface, after sufficient drying and setting, must be cleaned pore-deep and first care treated. Various products are available on request.

SUPPLEMENTARY HINTS

Coloured products are exclusively produced from natural raw materials. Thus, colour deviations cannot be excluded. The printed colour may deviate from the original colour shade. Test areas are recommended. For the surface treatment of coloured, especially light-coloured decorative screeds, we recommend the use of plastic blades to avoid discoloration due to abrasion or heat development. Avoid contact with tools made of aluminium (e.g. levelling aids), as this may result in discoloration due to interaction. Fine crack formation (hairline cracks) or deformation by shrinkage within the system (decorative cement screed) cannot generally be excluded and thus are not considered as defect.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



GRANIDUR BIANCO / NERO

per 10/2026

mineral, polished KORODUR decorative screed in granite optics, light or dark

DESCRIPTION

GRANIDUR BIANCO and GRANIDUR NERO are factory-produced, mineral, polished decorative screeds in granite optics. Processing in one layer as bonded screed acc. to DIN 18560-3 on set concrete with KORODUR HB 5 bonding compound (see data sheet).

APPLICATION

Use for polished, decorative screeds in a middle layer thickness of 15 mm in sales rooms, museums, show rooms, boutiques, foyers, office and administrative buildings, restaurants, galleries etc.

PROPERTIES

- resistant against mechanical stress
- mineral
- durable
- anti-skid
- chloride-free
- consistent quality ensured by quality assurance acc. to DIN EN 13813

TECHNICAL DATA

Quality	all qualities	CT-C45-F6
Granulometry	all qualities	0 - 5 mm
Colour	GRANIDUR BIANCO GRANIDUR NERO	light dark
Fire class acc. to DIN EN 13501-1	all qualities	$A1_{fl}$
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	C45
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	all qualities	F6
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water addition	all qualities	approx. 2,5 l/25 kg bag
Layer thickness	all qualities	15 mm
Material consumption per m² / per mm layer thickness	all qualities	approx. 2,1 kg

PROCESSING

Sub-base

Prepare the cementitious sub-base as supporting concrete in strength class C25/30 or as base screed in strength class at least CT-C40-F6, e.g. by milling and shot-peening. Existing cracks, break-outs and damaged joints must be professionally repaired. Surface bond strength ≥ 1,5 N/mm² for areas subject to traffic stress or ≥ 1,0 N/mm² for areas not subject to traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, grease or other contaminants that may impair adhesion. The requirements of DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.

Pre-treat supporting concrete or screed with universal primer KORODUR uniPrimer (see data sheet) or alternatively pre-wet thoroughly one day before installation, avoid puddle formation.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

As supporting concrete, use only cementitious concrete systems acc. to strength class ≥ C 25/30. As supporting screed, use only low shrinkage, fast-setting screed systems on basis of ternary binders KORODUR FSCem Screed (dry mortar) or KORODUR FSCem (screed binder for mixing on site) acc. to DIN 18560 and DIN EN 13813 in quality CT-C40-F6. Layer thickness min. 65 mm.

Processing
Apply the KORODUR HB 5 bonding compound system-compliant on the matt-damp surface (see data sheet). When processing GRANIDUR BIANCO use KORODUR HB 5 bonding compound white. Mix GRANIDUR with the specified quantity of water in plastic consistency for approx. 3 minutes and apply fresh on fresh on the still moist bonding compound, strike off aligned, trowel pore-closing with disk float and smooth (wing float).

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. GRANIDUR must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3. For after-treatment of the decorative screed we recommend the use of appropriate covering materials (e. g. 400 g painters' cardboard).

JOINTS

The joint grid must be specified by the planner. Joints in the set base concrete/base screed have to be taken over in the decorative screed layer. The decorative screed must be separated from uprising masonry (walls, columns etc.).

GRINDING / POLISHING

The GRANIDUR surface is polished in up to 5 polishing steps (rough, medium, and fine polishing) to achieve the desired optics. The grain structure of the GRANIDUR material becomes visible (terrazzo optics). See also specifications grinding technique of companies MKS Funke / Schwamborn. After the individual polishing passes, the surface must be wet cleaned using cleaning machine.

FIRST CARE TREATMENT

To ensure lasting quality and appealing optics, the whole surface, after sufficient drying and setting, must be cleaned pore-deep and first care treated. Various products are available on request.

SUPPLEMENTARY HINTS

Coloured products are exclusively produced from natural raw materials. Thus, colour deviations cannot be excluded. The printed colour may deviate from the original colour shade. Test areas are recommended. For the surface treatment of coloured, especially light-coloured decorative screeds, we recommend the use of plastic blades to avoid discoloration due to abrasion or heat development. Avoid contact with tools made of aluminium (e.g. levelling aids), as this may result in discoloration due to interaction. Fine crack formation (hairline cracks) or deformation by shrinkage within the system (decorative cement screed) cannot generally be excluded and thus are not considered as defect.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



TRU Self-Leveling

per 10/2026

mineral, self-leveling, fast-setting, polished decorative screed

DESCRIPTION

Rapid Set TRU Self-Leveling is a high quality, innovative, self-leveling, mineral, polished decorative screed, based on special cement technology. Ideal where high early strength, durability and low shrinkage setting are required. TRU Self-Leveling maintains workability for up to 20 minutes and is ready to receive foot traffic after 2 - 3 h. TRU Self-Leveling can be polished to high dense sheen already 24 h after placement. Installation thickness 5 - 35 mm.

APPLICATION

Use for polished, decorative screeds. For attractive, unique design of sales rooms, restaurants, foyers, museums, administrative buildings, schools, airports as well as any prestigious interiors. For indoor use, also in wet areas. TRU Self-Leveling is a multipurpose product that allows individual and creative design in many colour variants and by broadcasting decorative aggregates (e. g. glass, marble). Given the manifold design options, it is recommended to run on-site pilot tests/test areas.

PROPERTIES

- fast-setting, ready for foot traffic in 2 - 3 h, ready for polishing to high dense sheen in 24 h
- highly flowable
- outstanding clarity and gloss, polishable to high gloss due to low polymer content and high density
- attractive and versatile. Use as new coating and underlayment. Numerous design options by addition of colours and decorative aggregates.
- 5 - 35 mm installation thickness
- mineral
- for indoor use, also in wet areas
- easy to clean

TECHNICAL DATA

Quality	CT-C40-F10
Colour	natural grey
Reaction to fire	A1fl
Compressive strength [ASTM C 109 Mod.] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	after 4 hours approx. 20 N/mm² after 1 day approx. 34 N/mm² after 28 days approx. 45 N/mm²
Flexural strength [ASTM C 307 Mod.]	after 24 hours approx. 6 N/mm² after 28 days approx. 13 N/mm²
Tensile strength [ASTM C 348 Mod.]	after 7 days approx. 1,5 N/mm² after 28 days approx. 2,5 N/mm²
Working time	approx. 20 minutes
Flow time	approx. 15 minutes
Temperature ambient and sub-base temperature material temperature	10 - 30 °C 16 - 27 °C
Water addition	approx. 3,8 - 4,3 l/22,7 kg bag
Layer thickness	5 - 35 mm
Material consumption per m² / per mm layer thickness	approx. 1,7 kg

PROCESSING

Sub-base

Prepare sub-base, as base concrete in strength class C 25/30 or as base screed in strength class at least CT-C35-F5, e. g. by milling and shot peening. Existing cracks, breakouts and damaged joints must be properly repaired. Surface bond strength ≥ 1,5 N/mm² for areas with traffic stress or ≥ 1,0 N/mm² for areas without traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, greases or other contamination impairing the bond. The demands acc. to DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.

As base screed, use only cementitious, low shrinkage, mechanically smoothed screed systems, layer thickness minimum 65 mm, minimum strength class CT-C35-F5, in a structure-dense consistency, e. g. with the use of the dimensionally stable, fast-setting screed binder KORODUR FSCem (see data sheet). Apply the 2-components epoxy primer KORODUR TXPK on the prepared sub-base and broadcast to saturation with fire-dried silica sand, grain size 0,4 - 0,8 mm (see data sheet KORODUR TXPK).

Mixing
The use of qualified mixing equipment is recommended, e. g. Hippo Mixer, Collomix LevMix or stirrer with min. 650 rpm. Avoid mixers that entrap large amounts of air. Mix TRU Self-Leveling with the specified amount of clean water. To achieve a uniform, lump-free consistency, mix for 3 - 5 minutes. Define the correct consistency by determination of slump. We recommend the use of our “FLOW kit” with relevant instructions. Process TRU Self-Leveling within 20 minutes. Keep material temperature above 10 °C.

Processing
Apply TRU Self-Leveling on the prepared and primed sub-base in a thickness of 5 mm and up. For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with a plastic spiked roller. Protect the whole area during the application and until walkability is achieved, from too rapid drying out, wind, drafts, sun exposure etc. For layer thickness > 35 mm the TRU material can be modified by adding quartz sand (check-back with application engineering department). Ambient and material temperature above 20 °C may speed setting time and strength development. Adapt the application. It is recommended to use chilled mixing water. Ambient and material temperature below 20 °C may delay setting time and strength development, especially for thinner layers. It is recommended to warm up material and/or mixing water.

CURING
Under normal conditions at 20 °C no curing with water required. Under extremely dry, windy, hot or sunny conditions, the application of fine water mist on to the sufficiently set TRU area is recommended.

JOINTS
Joints in the set base concrete have to be taken over in the decorative screed. The decorative screed must be separated from uprising masonry (walls, columns etc.).

GRINDING / POLISHING
TRU Self-Leveling is ready for polishing in 24 hours after application. Grinding and polishing of TRU Self-Leveling similar as concrete. The surfaces can be polished to a high dense sheen. Polishing guidelines are available on request. Please note: When polishing, up to 3 mm (depending on the desired optics) of the initial layer thickness are polished off.

FIRST CARE TREATMENT
After drying/walkability, it is recommended to apply a qualified impregnation or first care treatment. This provides increased chemical resistance, has a moisture and dirt-repellent effect, optimizes the optical appearance and makes TRU Self-Leveling to an easy to clean, durable and attractive design floor.

SUPPLEMENTARY HINTS
KORODUR design floors are cement screeds and subject to building physics laws. Unfavourable site conditions and unpredictable influences, e. g. temperature, air draft or sun exposure, may cause unwanted reactions (cracks/deformation). In particular, cracks can be of most different origin and cannot be totally excluded. Depending on the quality of planning and execution, their number and extent may be considerably reduced. Cracks contribute to the authenticity of a floor and are not considered as depreciation of the design performance. KORODUR design floors are exclusively based on natural raw materials. Thus, colour and texture variations cannot be excluded. Depending on the time of day, the light conditions or the viewers’ perspective, the floor surfaces may have differing appearances. See also BEB Worksheet Design floors 09/14.

SUPPLY
22,7 kg special paper packaging

STORAGE
Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



TRU SP

per 10/2026

mineral, self-leveling, fast-setting, polished decorative screed in salt-pepper-finish

DESCRIPTION

Rapid Set TRU SP is a high quality, innovative, self-leveling, mineral, decorative screed, based on special cement technology, in polished concrete optics. Ideal where high early strength, durability and low shrinkage setting are required. TRU SP is designed to simulate the appearance of polished concrete in salt-pepper-finish. TRU SP maintains workability for up to 20 minutes and is ready to receive foot traffic after 2 - 3 hours. Installation thickness 10 - 35 mm.

APPLICATION

Use for polished, decorative screeds. For attractive, unique design of sales rooms, restaurants, foyers, museums, administrative buildings, schools, airports as well as any prestigious interiors. For indoor use, also in wet areas. TRU SP is a multipurpose product that allows individual and creative design in many colour variants. Given the manifold design options, it is recommended to run on-site pilot tests/test areas.

PROPERTIES

- polished in salt-pepper-finish
- highly flowable
- fast-setting, ready for foot traffic already after 2 - 3 h, after 24 h ready for polishing
- high strength, after 24 h approx. 27 N/mm², after 28 days approx. 44 N/mm²
- outstanding clarity and gloss, polishable to high gloss due to low polymer content and high density
- attractive and versatile. Use as new coating and underlayment. Numerous design options by addition of colours and decorative aggregates.
- 10 - 35 mm installation thickness
- mineral
- for indoor use, also in wet areas
- easy to clean

TECHNICAL DATA

Quality	CT-C40-F10
Colour	natural and grey
Reaction to fire	A1fl
Compressive strength [ASTM C 109 Mod.] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	after 4 hours approx. 13 N/mm² after 1 day approx. 27 N/mm² after 28 days approx. 44 N/mm²
Flexural strength [ASTM C 307 Mod.]	after 24 hours approx. 6 N/mm² after 28 days approx. 13 N/mm²
Tensile strength [ASTM C 348 Mod.]	after 7 days approx. 1,5 N/mm² after 28 days approx. 2,5 N/mm²
Temperature ambient and sub-base temperature material temperature	10 - 30 °C 16 - 27 °C
Working time	approx. 20 minutes
Flow time	approx. 15 minutes
Water addition	approx. 3,8 - 4,3 l/27,2 kg bag
Layer thickness	10 - 35 mm
Material consumption per m² / per mm layer thickness	approx. 1,8 kg

PROCESSING

Sub-base

Prepare sub-base, as base concrete in strength class C 25/30 or as base screed in strength class at least CT-C35-F5, e. g. by milling and shot peening. Existing cracks, breakouts and damaged joints must be properly repaired. Surface bond strength ≥ 1,5 N/mm² for areas with traffic stress or ≥ 1,0 N/mm² for areas without traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, greases or other contamination impairing the bond. The demands acc. to DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.

As base screed, use only cementitious, low shrinkage, mechanically smoothed screed systems, layer thickness minimum 65 mm, minimum strength class CT-C35-F5, in a structure-dense consistency, e. g. with the use of the dimensionally stable, fast-setting screed binder KORODUR FSCem (see data sheet). Apply the 2-components epoxy primer KORODUR TXPK on the prepared sub-base and broadcast to saturation with fire-dried silica sand, grain size 0,4 - 0,8 mm (see data sheet KORODUR TXPK).

Mixing

The use of qualified mixing equipment is recommended, e. g. Hippo Mixer, Collomix LevMix or stirrer with min. 650 rpm. Avoid mixers that entrap large amounts of air. Mix TRU SP with 3,8 – 4,3 l of clean water per bag. Recommendation: First pour 4 l water per bag into the mixing container, then, whilst the mixer is running, add TRU SP. The maximum water quantity of 4,3 l must not be exceeded. To achieve uniform, lump-free consistency, mix for 3 - 5 minutes. Define the correct consistency by determination of slump. We recommend the use of our “FLOW kit” with relevant instructions. Process TRU SP within 20 minutes. Keep material temperature above 10 °C.

Processing

Apply TRU SP on the prepared and primed sub-base in a thickness of 10 mm and up.
For highly stressed floors, TRU SP should be applied in a layer thickness of 13 mm. For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with a plastic spiked roller. Protect the whole area during the application and until walkability is achieved, from too rapid drying out, wind, drafts, sun exposure etc. Ambient and material temperature above 20 °C may speed setting time and strength development. Adapt the application. It is recommended to use chilled mixing water. Ambient and material temperature below 20 °C may delay setting time and strength development, especially for thinner layers. It is recommended to warm up the material and/or mixing water.

CURING

Under normal conditions at 20 °C no curing with water required. Under extremely dry, windy, hot or sunny conditions, the application of fine water mist to the sufficiently set TRU area is recommended.

JOINTS

Joints in the set base concrete have to be taken over in the decorative screed. The decorative screed must be separated from uprising masonry (walls, columns etc.).

GRINDING / POLISHING

TRU SP is ready for polishing in 24 hours after application. Grinding and polishing of TRU SP similar as concrete. The surfaces can be polished to a high dense sheen. Polishing guidelines are available on request. Please note: When polishing, up to 3 mm (depending on the desired optics) of the initial layer thickness are polished off.

FIRST CARE TREATMENT

After drying/walkability, it is recommended to apply a qualified impregnation or first care treatment. This provides increased chemical resistance, has a moisture and dirt-repellent effect, optimizes the optical appearance and makes TRU SP to an easy to clean, durable and attractive design floor.

SUPPLEMENTARY HINTS

KORODUR design floors are cement screeds and are subject to building physics laws. Unfavourable site conditions and unpredictable influences, e. g. temperature, air draft or sun exposure, may cause unwanted reactions (cracks/deformation). In particular, cracks can be of most different origin and cannot be totally excluded. Depending on the quality of planning and execution, their number and extent may be considerably reduced. Cracks contribute to the authenticity of a floor and are not considered as depreciation of the design performance. KORODUR design floors are exclusively based on natural raw materials. Thus, colour and texture variations cannot be excluded. Depending on the time of day, the light conditions or the viewers’ perspective, the floor surfaces may have differing appearances. See also BEB Worksheet Design floors 09/14.

SUPPLY

27,2 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



TRU PC

per 10/2026

mineral, self-leveling, fast-setting, polished decorative floor in polished concrete optics

DESCRIPTION

Rapid Set TRU PC is a high quality, innovative, self-leveling, mineral, decorative screed, based on special cement technology, in polished concrete optics. Ideal where high early strength, durability and low shrinkage setting are required. TRU PC is designed to simulate the appearance of polished concrete. TRU PC maintains workability for up to 20 minutes and is ready to receive foot traffic after 2 - 3 hours. Installation thickness 10 - 35 mm.

APPLICATION

Use for polished, decorative screeds. For attractive, unique design of sales rooms, restaurants, foyers, museums, administrative buildings, schools, airports as well as any prestigious interiors. For indoor use, also in wet areas. TRU PC is a multipurpose product that allows individual and creative design in many colour variants. Given the manifold design options, it is recommended to run on-site pilot tests/test areas.

PROPERTIES

- polished in polished concrete optics
- highly flowable
- fast-setting, ready for foot traffic already after 2 - 3 h, after 24 h ready for polishing
- high strength, after 24 h approx. 34 N/mm², after 28 days approx. 48 N/mm²
- outstanding clarity and gloss, polishable to high gloss due to low polymer content and high density
- attractive and versatile. Use as new coating and underlayment. Numerous design options by addition of colours and decorative aggregates.
- 10 - 35 mm installation thickness
- mineral
- for indoor use, also in wet areas
- easy to clean

TECHNICAL DATA

Quality	CT-C40-F10
Colour	natural and grey
Reaction to fire	A1fl
Compressive strength [ASTM C 109 Mod.] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	after 4 hours approx. 19 N/mm² after 1 day approx. 34 N/mm² after 28 days approx. 48 N/mm²
Flexural strength [ASTM C 307 Mod.]	after 24 hours approx. 6 N/mm² after 28 days approx. 13 N/mm²
Tensile strength [ASTM C 348 Mod.]	after 7 days approx. 1,5 N/mm² after 28 days approx. 2,5 N/mm²
Working time	approx. 20 minutes
Flow time	approx. 15 minutes
Temperature ambient and sub-base temperature material temperature	10 - 30 °C 16 - 27 °C
Water addition	approx. 3,5 - 3,8 l/27,2 kg bag
Layer thickness	10 - 35 mm
Material consumption per m² / per mm layer thickness	approx. 1,8 kg

PROCESSING

Sub-base

Prepare sub-base, as base concrete in strength class C 25/30 or as base screed in strength class at least CT-C35-F5, e. g. by milling and shot peening. Existing cracks, breakouts and damaged joints must be properly repaired. Surface bond strength ≥ 1,5 N/mm² for areas with traffic stress or ≥ 1,0 N/mm² for areas without traffic stress. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, greases or other contamination impairing the bond. The demands acc. to DIN 18365 and DIN 18560-3 apply. Joints in the sub-base have to be taken over.

As base screed, use only cementitious, low shrinkage, mechanically smoothed screed systems, layer thickness minimum 65 mm, minimum strength class CT-C35-F5, in a structure-dense consistency, e. g. with the use of the dimensionally stable, fast-setting screed binder KORODUR FSCem (see data sheet). Apply the 2-components epoxy primer KORODUR TXPK on the prepared sub-base and broadcast to saturation with fire-dried silica sand, grain size 0,4 - 0,8 mm (see data sheet KORODUR TXPK).

Mixing The use of qualified mixing equipment is recommended, e. g. Hippo Mixer, Collomix LevMix or stirrer with min. 650 rpm. Avoid mixers that entrap large amounts of air. Mix TRU PC with approx. 3,6 l of clean water per 27,2 kg bag. To achieve uniform, lump-free consistency, mix for 3 - 5 minutes. Define the correct consistency by determination of slump. We recommend the use of our “FLOW kit” with relevant instructions. Process TRU PC within 20 minutes. Keep material temperature above 10 °C.

Processing Apply TRU PC on the prepared and primed sub-base in a thickness of 10 mm and up. For highly stressed floors, TRU PC should be applied in a layer thickness of 13 mm. For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with a plastic spiked roller. Protect the whole area during the application and until walkability is achieved, from too rapid drying out, wind, drafts, sun exposure etc. Ambient and material temperature above 20 °C may speed setting time and strength development. Adapt the application. It is recommended to use chilled mixing water. Ambient and material temperature below 20 °C may delay setting time and strength development, especially for thinner layers. It is recommended to warm up the material and/or mixing water.

CURING

Under normal conditions at 20 °C no curing with water required. Under extremely dry, windy, hot or sunny conditions, the application of fine water mist on to the sufficiently set TRU area is recommended.

JOINTS

Joints in the set base concrete have to be taken over in the decorative screed. The decorative screed must be separated from uprising masonry (walls, columns etc.).

GRINDING / POLISHING

TRU PC is ready for polishing in 24 hours after application. Grinding and polishing of TRU PC similar as concrete. The surfaces can be polished to a high dense sheen. Polishing guidelines are available on request. Please note: When polishing, up to 3 mm (depending on the desired optics) of the initial layer thickness are polished off.

FIRST CARE TREATMENT

After drying/walkability, it is recommended to apply a qualified impregnation or first care treatment. This provides increased chemical resistance, has a moisture and dirt-repellent effect, optimizes the optical appearance and makes TRU PC to an easy to clean, durable and attractive design floor.

SUPPLEMENTARY HINTS

KORODUR design floors are cement screeds and subject to building physics laws. Unfavourable site conditions and unpredictable influences, e.g. temperature, air draft or sun exposure, may cause unwanted reactions (cracks/deformation). In particular, cracks can be of most different origin and cannot be totally excluded. Depending on the quality of planning and execution, their number and extent may be considerably reduced. Cracks contribute to the authenticity of a floor and are not considered as depreciation of the design performance. KORODUR design floors are exclusively based on natural raw materials. Thus, colour and texture variations cannot be excluded. Depending on the time of day, the light conditions or the viewers’ perspective, the floor surfaces may have differing appearances. See also BEB Worksheet Design floors 09/14.

SUPPLY

27,2 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR TXPK

per 10/2026

2-component epoxy resin primer
for self-leveling coatings

DESCRIPTION

KORODUR TXPK is a 2-component epoxy resin special primer for self-leveling coatings such as TRU Self-Leveling, TRU PC, TRU SP, NEODUR Level products etc.
KORODUR TXPK meets the guidelines of AgBB with regard to the lowest possible indoor air pollution, for use in commercial areas as a primer on suitable concrete and screed sub-bases for self-leveling coatings.

APPLICATION

KORODUR TXPK is used as primer on concrete and screed surfaces where a later moisture exposure of the back has to be expected.

PROPERTIES

- protects against the effect of moisture on the back
- tested acc. to AgBB
- virtually emission-free
- virtually odorless
- very good chemical resistance
- very good mechanical properties
- physiological harmless after hardening

TECHNICAL DATA

Condition	liquid
Colour	white (offwhite)
Density (23 °C)	approx. 1,10 g/m³
Viscosity (23 °C)	approx. 900 mPa s ± 150
Water absorption	< 1,0 %
Temperature	sub-base 12 °C - 30 °C material 15 °C - 30 °C
Mixing ratio	A:B = 100:38 (2,63:1)
Working time	12 °C approx. 35 minutes 23 °C approx. 25 minutes 30 °C approx. 10 minutes
Waiting time before next working step	12 °C approx. 16 - 36 hours 23 °C approx. 5 - 24 hours 30 °C approx. 4 - 24 hours
Material consumption depending on absorbency of sub-base	approx. 400 - 500 g/m²

PROCESSING

Sub-base
Prepare sub-base by milling and/or shot peening. Existing cracks, breakouts and damaged joints must be properly repaired.
The sub-base must be load-bearing, solid, clean, dry, crack-free and free from loose debris, oils, greases or other contamination impairing the bond. Surface bond strength: ≥ 1,5 N/mm², residual moisture in concrete maximum 6 M.-%.

Processing
Mix components A + B of KORODUR TXPK in the specified mixing ratio in low-speed stirrer with approx. 300 - 400 rpm for approx. 3 minutes to a homogeneous mixture. The material temperature should be at least 15 °C. Refill the material in a clean container and stir again for approx. 1 minute. Distribute the ready mix immediately over the surface using rubber squeegee, then use paint roller to work the primer intensively into the sub-base. Broadcast fire dried quartz sand in grain size Ø 0,4 - 0,8 mm fully over the surface. Before, during and after the application take care of the dew point distance (+3 °C).

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Moist concrete or screed areas
The concrete or screed surfaces may be matt-damp but must not show any visible water film or pore water. A second work step must always be carried out, also at later moistening at the back (double application quantity).
The priming work may only be carried out at constant or falling temperature, as otherwise there is the risk of bubbles, i.e. leakiness.

SUPPLEMENTARY HINTS Exposure to UV radiation leads to a change in color.

SUPPLY 10 kg twin pack

STORAGE Dry in original packaging at 15 - 25 °C. Shelf-life approx. 12 months.
Temperatures < 10 °C may lead to crystallization.

HINTS: GISCODE: RE 1. When working with KORODUR TXPK wear adequate protective goggles, clothes and gloves. Take care for good room ventilation. When getting in touch with skin, rinse immediately with lots of water and soap. When getting in touch with eyes, rinse thoroughly with water (rinse bottle from the pharmacy) and consult a doctor. Don't eat, smoke or handle open flame when processing the material. Keep out of reach of children. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



CEMENT ALL
Multipurpose Repair Mortar

per 10/2026

mineral, multipurpose fast-setting repair mortar
for layer thickness from “0” - 100 mm, classification CT-C60-F10

DESCRIPTION

Rapid Set CEMENT ALL is a mineral, multipurpose fast-setting repair mortar based on special cement technology. Ideal where rapid strength, durability and low shrinkage setting are required. Depending on the field of application, CEMENT ALL can be applied in thickness from nearly “0” - 100 mm. Initial set after 15 minutes, ready for stress in approx. 1 hour. CEMENT ALL is similar in appearance to Portland cement construction materials and may be processed in similar methods.

APPLICATION

CEMENT ALL is a multipurpose fast-setting repair mortar for general concrete repair, dowelling and anchoring, injection, industrial grouting, formwork and floor coverings* (for thickness > 10 mm we recommend the use of MORTAR MIX). Indoors and outdoors, also in wet areas.
*) for floor coverings please contact KORODUR as needed

PROPERTIES

- multipurpose
- repair and new construction
- horizontal and vertical application
- layer thickness “0” - 100 mm
- fast-setting, ready for stress only approx. 1 hour after final set
- high strength
- low tension
- mineral
- durable
- frost/de-icer resistant
- sulfate resistant
- chloride-free
- resistant against many different chemical attacks
- excellent bond: directly, without bonding compound
- curing with water only
- indoors and outdoors
- improved shelf-life

TECHNICAL DATA

Quality	C55/67	
Grain size	0 - 1 mm	
Colour	light grey	
Reaction to fire	A1fl	
Standard layer thickness *in the 1st working step depending on the chosen consistency	floor ceiling / overhead wall	10 - 100 mm 5 - 10 mm* 5 - 15 mm*
Setting time with reference to DIN EN 196-3	initial set final set	approx. 15 minutes approx. 35 minutes
Ready for stress	approx. 60 minutes after final set	
Ready for covering The readiness for covering is independent of the layer thickness and is influenced by the ambient temperature and air humidity. It is recommended to check the residual moisture by a suitable measurement.	vapor-permeable coverings (e.g. tiles, vapor-permeable paints)	after approx. 2 hours
	diffusion-proof coverings (e. g. parquet, bitumen-waterproofing)	after approx. 16 hours
Compressive strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 20,0 N/mm² > 31,0 N/mm² > 41,0 N/mm² > 62,0 N/mm²

Flexural strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 6,0 N/mm² > 8,0 N/mm² > 10,0 N/mm² > 11,0 N/mm²
Bond strength [N/mm²] DIN EN 1542	on average approx. 2,1 N/mm² demands fulfilled	☑
Static modulus of elasticity [N/mm²] DIN EN 13412	approx. 31.700 N/mm² demands fulfilled	☑
Sulfate resistance Test acc. to Wittekindt	demands fulfilled	☑
Penetration test penetration of water-hazardous substances acc. to DAfStb-guideline	penetration depth on average 16,0 mm demands fulfilled	☑
Frost/de-icer test (CDF) BWA-guideline frost test	demands fulfilled	☑
Chloride ion content DIN EN 1015-17	on average 0,009 demands fulfilled	☑
Temperature processing, ambient and sub-base temperature		≥ 5 °C
Water addition	per 25 kg bag	approx. 3,0 - 4,75 l
Material consumption	per m² per mm	approx. 2,0 kg

PROCESSING

Sub-base

Clean sub-base from loose debris, cement slurry, dust, acids, oils, greases. For full bond, the surface must be free from cracks, even, rough and open-pore. The surface bond strength required in the technical guidelines have to be observed (the value must not be less than 1,0 N/mm²). Before the application, pre-wet the sub-base thoroughly. In case of highly absorbent sub-bases, the pre-wetting may have to be repeated several times*. The formation of a water film or puddles has to be avoided.

* As needed, integrate an acrylate-based primer.

Processing

Before starting work, make sure that all personnel and equipment/tools required are in place. Mix CEMENT ALL with the specified quantity of water depending on processing method and mix for approx. 1 - 3 minutes in suitable pan type mixer or use stirrer. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add CEMENT ALL. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture. CEMENT ALL may be processed in traditional methods. The final finish should take place as soon as possible. CEMENT ALL may be trowelled, floated or textured. Apply in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time, temperature < 20 °C may delay the strength development. To extend working time, add Rapid Set SET Control (retarder). To increase flowability, add Rapid Set FLOW Control (plasticizer) and the additive FAST to accelerate the setting time (see data sheet CONCRETE PHARMACY).

CURING

Begin water curing as soon as the surface has lost its moist sheen. Keep the surface wetted for 1 hour until the product has gained sufficient strength. When experiencing extended setting times, due to cold temperature or the use of a retarder, longer curing times may be required.

SUPPLY

25 kg special paper packaging
5 kg plastic container

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



CEMENT ALL Plus
Multipurpose Repair Mortar

per 10/2026

mineral, synthetic-modified, multipurpose fast-setting repair mortar for layer thickness from “0” - 100 mm, classification CT-C60-F10

DESCRIPTION

Rapid Set CEMENT ALL Plus is a mineral, synthetic-modified, multipurpose fast-setting repair mortar based on special cement technology. Ideal where rapid strength, durability and low shrinkage setting are required. CEMENT ALL Plus can be applied in thickness from nearly “0” - 100 mm. Initial set after 15 minutes, ready for stress in approx. 1 hour.
Utmost protection against carbonation with evidence acc. to DIN EN 13295 (carbonation resistance). Due to the composition and with reference to DIN EN 206-1, CEMENT ALL Plus meets the following exposure classes: XC4, XF4 and XA3.

APPLICATION

CEMENT ALL Plus is a multipurpose, synthetic-modified, fast-setting repair mortar for general concrete repair, dowelling and anchoring, injection, industrial grouting, formwork and highway repair. Indoors and outdoors, also in wet areas.

PROPERTIES

- multipurpose
- repair and new construction
- horizontal and vertical application
- layer thickness “0” - 100 mm
- fast-setting, ready for stress only approx. 1 hour after final set
- high-strength
- low tension
- synthetic-modified
- elevated resistance to carbonation
- improved frost/de-icer resistance due to synthetic-modification
- sulfate resistant
- chloride-free
- resistant against many different chemical attacks
- excellent bond: directly, without bonding compound
- curing with water only
- indoors and outdoors
- improved shelf-life

TECHNICAL DATA

Quality	C55/67	
Grain size	0 - 1 mm	
Colour	light grey	
Reaction to fire	A1fl	
Standard layer thickness *in the first working step depending on the chosen consistency	floor ceiling / overhead wall	10 - 100 mm 5 - 10 mm* 5 - 15 mm*
Setting time with reference to DIN EN 196-3	initial set final set	approx. 15 minutes approx. 35 minutes
Ready for stress	approx. 60 minutes after final set	
Ready for covering The readiness for covering is independent of the layer thickness and is influenced by the ambient temperature and air humidity. It is recommended to check the residual moisture by a suitable measurement.	vapor-permeable coverings (e.g. tiles, vapor-permeable paints)	after approx. 2 hours
	diffusion-proof coverings (e.g. parquet, bitumen-waterproofing)	after approx. 16 hours

Compressive strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 28 days	> 20,0 N/mm² > 31,0 N/mm² > 62,0 N/mm²
Flexural strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 28 days	> 6,0 N/mm² > 8,0 N/mm² > 11,0 N/mm²
Bond strength (by pull-off) [N/mm²] DIN EN 1542	on average approx. 2,1 N/mm² demands fulfilled	
Static modulus of elasticity [N/mm²] DIN EN 13412	approx. 31.700 N/mm² demands fulfilled	
Sulfate resistance test acc. to Wittekindt	demands fulfilled	
Penetration test penetration of water-hazardous substances acc. to DAfStb-guideline	penetration depth on average 16,0 mm, demands fulfilled	
Frost/de-icer test (CDF) BWA-guideline frost test	demands fulfilled	
Chloride ion content DIN EN 1015-17	on average 0,009 demands fulfilled	
Temperature	≥ 5 °C processing, ambient and sub-base temperature	
Water addition	per 25 kg bag	approx. 4,0 - 4,75 l
Material consumption	per m² per mm	approx. 2,0 kg

PROCESSING

Sub-base
Clean sub-base from loose debris, cement slurry, dust, acids, oils, greases. For full bond, the surface must be free from cracks, even, rough and open-pore. The surface bond strength required in the technical guidelines have to be observed (the value must not be less than 1,0 N/mm²). Before the application, pre-wet the sub-base thoroughly. In case of highly absorbent sub-bases, the pre-wetting may have to be repeated several times. The formation of a water film or puddles has to be avoided.

Processing
Before starting work, make sure that all personnel and equipment/tools required are in place. Mix CEMENT ALL Plus with the specified quantity of water depending on the processing method and mix for approx. 1 - 3 minutes in suitable pan type mixer or use stirrer. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add CEMENT ALL Plus. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture. CEMENT ALL Plus may be processed in traditional methods. The final finish should take place as soon as possible. CEMENT ALL Plus may be trowelled, floated or textured. Apply in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time, temperature < 20 °C may delay the strength development. To extend working time, add Rapid Set SET Control (retarder). To increase flowability, add Rapid Set FLOW Control (plasticizer) and the additive FAST to accelerate the setting time (see data sheet CONCRETE PHARMACY).

CURING

Begin water curing as soon as the surface has lost its moist sheen. Keep the surface wetted for 1 hour until the product has achieved sufficient strength. When experiencing extended setting times, due to cold temperature or the use of a retarder, longer curing times may be required.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MORTAR MIX
Fast-setting Repair Mortar

per 10/2026

mineral, multipurpose fast-setting repair mortar
for layer thickness from 10 - 150 mm, classification CT-C50-F5

DESCRIPTION

Rapid Set MORTAR MIX is a mineral, multipurpose fast-setting repair mortar based on BCSA-cement technology. Ideal where rapid strength, durability and low shrinkage setting are required. MORTAR MIX can be applied in thickness from 10 - 150 mm. Initial set after 15 minutes, ready for stress in approx. 1 hour. MORTAR MIX is similar in appearance to Portland cement construction materials and may be processed in similar methods.

APPLICATION

MORTAR MIX is a multipurpose fast-setting repair mortar for general concrete repair, repair of stucco and plaster, one-layer outdoor plasters, underlayment, formwork and highway repair. Indoors and outdoors, also in wet areas. MORTAR MIX can be processed horizontally, vertically and overhead. At high abrasive stress, MORTAR MIX is also available on request in quality MORTAR MIX DUR (CT-C50-F5-A6) with hard aggregates acc. to DIN 1100 group A (KORODUR VS 0/5) for floor repairs > 15 mm.

PROPERTIES

- multipurpose for repair and new construction
- horizontal, vertical and overhead application
- fast-setting, ready for stress only approx. 1 hour after final set
- high-strength
- low tension
- mineral, durable
- frost/de-icer resistant
- sulfate resistant, chloride-free
- resistant against many different chemical attacks
- excellent bond: directly, without bonding compound
- curing with water only
- indoors and outdoors
- improved shelf-life

TECHNICAL DATA

Quality	C45/55	
Grain size	0 - 3 mm	
Colour	light grey	
Reaction to fire	A1fl	
Standard layer thickness *in the first working step depending on the chosen consistency	floor ceiling / overhead wall	10 - 150 mm on average 15 mm* on average 20 mm*
Setting time with reference to DIN EN 196-3	initial set final set	approx. 15 minutes approx. 35 minutes
Ready for stress	approx. 60 minutes after final set	
Ready for covering The readiness for covering is independent of the layer thickness and is influenced by the ambient temperature and air humidity. It is recommended to check the residual moisture by a suitable measurement.	vapor-permeable coverings (e.g. tiles, vapor-permeable paints)	after approx. 2 hours
	diffusion-proof coverings (e.g. parquet, bitumen-waterproofing)	after approx. 16 hours
Compressive strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 17,0 N/mm² > 28,0 N/mm² > 35,0 N/mm² > 50,0 N/mm²

Flexural strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 3,4 N/mm² > 5,4 N/mm² > 5,2 N/mm² > 5,3 N/mm²
Bond strength [N/mm²] DIN EN 1542	on average approx. 3,5 N/mm² demands fulfilled	☑
Static modulus of elasticity [N/mm²] DIN EN 13412	approx. 26.827 N/mm² demands fulfilled	☑
Sulfate resistance test acc. to Wittekindt	demands fulfilled	☑
Frost/de-icer test (CDF) BWA-guideline frost test	demands fulfilled	☑
Chloride ion content DIN EN 1015-17	on average 0,007 demands fulfilled	☑
Temperature processing, ambient and sub-base temperature	≥ 5 °C	
Water addition	per 25 kg bag	approx. 3,0 - 4,5 l
Material consumption	per m² per mm	approx. 2,0 kg

PROCESSING

Sub-base
Clean sub-base from loose debris, cement slurry, dust, acids, oils, greases. For full bond, the surface must be free from cracks, even, rough and open-pore. The surface bond strength required in the technical guidelines have to be observed (the value must not be less than 1,0 N/mm²). Before the application, pre-wet the sub-base thoroughly. In case of highly absorbent sub-bases, the pre-wetting may have to be repeated several times. The formation of a water film or puddles has to be avoided.

Processing
Before starting work, make sure that all personnel and equipment/tools required are in place. Mix MORTAR MIX with the specified quantity of water depending on the processing method and mix for approx. 1 - 3 minutes in suitable pan type mixer or use stirrer. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add MORTAR MIX. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture. MORTAR MIX may be processed in all traditional methods. The final finish should take place as soon as possible. MORTAR MIX may be trowelled, floated or textured. Apply in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time, temperature < 20 °C may delay the strength development. To extend working time, add SET Control (retarder). To increase flowability, add FLOW Control (plasticizer) and the additive FAST to accelerate the setting time (see data sheet CONCRETE PHARMACY).

CURING

Begin water curing as soon as the surface has lost its moist sheen. Keep the surface wetted for 1 hour until the product has achieved sufficient strength. When experiencing extended setting times, due to cold temperature or the use of a retarder, longer curing times may be required.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



CONCRETE MIX
Very Fast-setting Concrete

per 10/2026

mineral, multipurpose fast-setting repair concrete
for layer thickness from 50 - 600 mm, classification CT-C40-F7

DESCRIPTION

Rapid Set CONCRETE MIX is a mineral, multipurpose fast-setting repair concrete based on special cement technology. Ideal where rapid strength, durability and low shrinkage setting are required. CONCRETE MIX can be applied in thickness from 50 - 600 mm. Initial set after 15 minutes, ready for stress in approx. 1 hour. CONCRETE MIX is similar in appearance to Portland cement construction materials and may be processed in similar methods.

APPLICATION

CONCRETE MIX is a multipurpose fast-setting repair concrete for general concrete repair, repair and construction of pavements, highways, concrete and machine foundations, formwork and industrial floors. Indoors and outdoors, also in wet areas.

PROPERTIES

- multipurpose
- repair and new construction
- horizontal and vertical application
- layer thickness 50 - 600 mm
- fast-setting, ready for stress only approx. 1 hour after final set
- high-strength
- low tension
- mineral
- durable
- frost/de-icer resistant
- sulfate resistant
- chloride-free
- resistant against many different chemical attacks
- excellent bond: directly, without bonding compound
- curing with water only
- indoors and outdoors
- improved shelf-life

TECHNICAL DATA

Quality	C35/45	
Grain size	0 - 8 mm	
Colour	light grey	
Reaction to fire	A1fl	
Standard layer thickness *in the first working step depending on the chosen consistency	floor	50 - 600 mm
Setting time with reference to DIN EN 196-3	initial set final set	approx. 15 minutes approx. 35 minutes
Ready for stress		approx. 60 minutes after final set
Ready for covering The readiness for covering is independent of the layer thickness and is influenced by the ambient temperature and air humidity. It is recommended to check the residual moisture by a suitable measurement.	vapor-permeable coverings (e.g. tiles, vapor-permeable paints)	after approx. 2 h
	diffusion-proof coverings (e.g. parquet, bitumen-waterproofing)	after approx. 16 h
Compressive strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 19,0 N/mm² > 25,0 N/mm² > 35,0 N/mm² > 41,0 N/mm²

Flexural strength [N/mm²] DIN EN 1015-11	after 60 minutes after 180 minutes after 7 days after 28 days	> 4,5 N/mm² > 4,7 N/mm² > 6,5 N/mm² > 7,0 N/mm²
Static modulus of elasticity [N/mm²] DIN EN 13412	approx. 30.690 N/mm² demands fulfilled	
Sulfate resistance test acc. to Wittekindt	demands fulfilled	
Frost/de-icer test (CDF) BWA-guideline frost test	demands fulfilled	
Chloride ion content DIN EN 1015-17	on average 0,009 demands fulfilled	
Temperature processing, ambient and sub-base temperature	≥ 5 °C	
Water addition	per 25 kg bag	approx. 3,0 - 4,5 l
Material consumption	per m² per mm	approx. 2,0 kg

PROCESSING

Sub-base
Clean sub-base from loose debris, cement slurry, dust, acids, oils, greases. For full bond, the surface must be free from cracks, even, rough and open-pore. The surface bond strength required in the technical guidelines have to be observed (the value must not be less than 1,0 N/mm²). Before the application, pre-wet the sub-base thoroughly. In case of highly absorbent sub-bases, the pre-wetting may have to be repeated several times*. The formation of a water film or puddles has to be avoided.

Processing
Before starting work, make sure that all personnel and equipment/tools required are in place. Mix CONCRETE MIX with the specified quantity of water depending on the processing method and mix for approx. 1 - 3 minutes in suitable pan type mixer or use stirrer. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add CONCRETE MIX. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture. CONCRETE MIX may be processed in all traditional methods. The final finish should take place as soon as possible. CONCRETE MIX may be trowelled, floated or textured. Apply in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time, temperature < 20 °C may delay the strength development. To extend working time, add Rapid Set SET Control (retarder). To increase flowability, add Rapid Set FLOW Control (plasticizer) and the additive FAST to accelerate the setting time (see data sheet CONCRETE PHARMACY).

CURING

Begin water curing as soon as the surface has lost its moist sheen. Keep the surface wet for 1 hour until the product has achieved sufficient strength. As needed, the wetting should be repeated several times during this period in order to keep the surface continuously moist. When experiencing extended setting times, due to cold temperature or the use of a retarder, longer curing times may be required.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



DOT Europe CONCRETE MIX

per 10/2026

mineral, multipurpose repair concrete for road surfaces
for layer thickness from 50 - 600 mm, classification CT-C60-F6

DESCRIPTION

Rapid Set DOT Europe CONCRETE MIX is a high-performance, polymer-modified, fast-setting, fiber reinforced repair concrete, based on special cement technology. Indoors and outdoors. DOT Europe CONCRETE MIX, acc. to DIN EN 1504-3 can be used for structural and general repairs. Ideal where rapid strength, durability and low shrinkage setting are required.
DOT Europe CONCRETE MIX can be applied in thickness from 50 - 600 mm and is ready for stress already after 1 hour after the end of solidification.

APPLICATION

DOT Europe CONCRETE MIX is a multipurpose product qualified for statically relevant concrete repair, for road construction and repair, sidewalks, driving lanes, runways for take-off and landing, bridges, parking decks, ramps, stairs, concrete machine foundations, formwork and industrial floors. Qualified also in wet areas. DOT Europe CONCRETE MIX is similar in appearance to Portland cement construction materials and may be processed in similar methods.

PROPERTIES

- fast-setting, ready for traffic stress and loading already after approx. 1 hour after setting, trafficable and loadable
- low shrinkage setting, minimized cracking
- durable
- curing with water only
- polymer modified
- frost/de-icer resistant
- sulfate resistant
- chloride-free
- excellent bond: directly, without bonding compound
- multipurpose, for repair and new construction, horizontal and vertical use
- installation thickness 50 - 600 mm
- indoors and outdoors
- improved shelf-life

TECHNICAL DATA

Quality	C35/45	
Grain size	0 - 8 mm	
Colour	light grey	
Reaction to fire	A1fl	
Standard layer thickness *in the first working step depending on the chosen consistency	floor	50 - 600 mm
Setting time with reference to DIN EN 196-3	initial set final set	approx. 15 minutes approx. 35 minutes
Ready for stress	approx. 60 minutes after end of solidification	
Compressive strength [N/mm²] acc. to EN 1015-11	after 28 days	approx. ≥ 60,0 N/mm²
Flexural strength [N/mm²] acc. to EN 1015-11	after 28 days	approx. ≥ 6,5 N/mm²
Static modulus of elasticity [N/mm²] acc. to EN 13412	approx. 28.000 N/mm² demands fulfilled	☑
Bond strength (by pull-off) acc. to EN 1542	approx. ≥ 2,1 N/mm²	

Temperature processing, ambient and sub-base temperature	≥ 5 °C	
Water addition	per 25 kg bag	approx. 3,0 - 3,75 l
Material consumption	per m² per mm	approx. 2,0 kg

PROCESSING

Sub-base
Clean sub-base from loose debris, cement slurry, dust, acids, oils, greases. For full bond, the surface must be free from cracks, even, rough and open-pore. The surface bond strength required in the technical guidelines have to be observed (the value must not be less than 1,0 N/mm²). Before the application, pre-wet the sub-base thoroughly. In case of highly absorbent sub-bases, the pre-wetting may have to be repeated several times. The formation of a water film or puddles has to be avoided.

Processing
Before starting work, make sure that all personnel and equipment/tools required are in place. Mix DOT Europe CONCRETE MIX with the specified quantity of water depending on the method of processing and mix for approx. 1 - 3 minutes in suitable pan type mixer or use stirrer. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add DOT Europe CONCRETE MIX. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture. DOT Europe CONCRETE MIX may be processed in all traditional methods. The final finish should take place as soon as possible. DOT Europe CONCRETE MIX may be trowelled, floated or textured. Apply in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time. Temperature < 20 °C may delay the strength development. To extend working time, add Rapid Set SET Control (retarder) (see data sheet CONCRETE PHARMACY).

CURING

Begin water curing as soon as the surface has lost its moist sheen. Keep the surface wet repeatedly for 1 hour until the product has achieved sufficient strength. As needed, the wetting should be repeated several times during this period in order to keep the surface continuously moist. When experiencing extended setting times, due to cold temperature or the use of a retarder, longer curing times may be required.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



ASPHALT REPAIR MIX

per 10/2026

high-performance, fast-setting, polymer-modified, cementitious asphalt repair mix, classification CT-C35-F6

DESCRIPTION

Rapid Set ASPHALT REPAIR MIX is a fast-setting, polymer-modified, ready to use asphalt repair material based on special cement technology. Ideal where rapid strength, durability and low shrinkage setting are required.
ASPHALT REPAIR MIX can be applied in layer thickness from 30 - 600 mm.

APPLICATION

ASPHALT REPAIR MIX is a high-grade repair mix, ideal for fast, easy and durable repair of potholes in asphalt. For the repair of road damage, frost heave, property and garage entrances, car parks, footpaths, industrial traffic areas or also for surrounds/adjustments of road sewer manholes whereby road closures can be kept short – reopening to traffic after 30 minutes only.
ASPHALT REPAIR MIX is coloured black and provides excellent adhesion. For indoor and outdoor use, frost and de-icer resistant.

PROPERTIES

- fast and easy application
- one-component material, mix with water only
- no bonding compound / primer required
- layer thickness from 30 - 600 mm
- fast-setting, release to traffic already after 30 minutes
- anti-skid
- low tension
- mineral
- sulfate resistant
- chloride-free
- resistant against many different chemical attacks
- long shelf-life

TECHNICAL DATA

Grain size	0 - 8 mm	
Colour	black	
Reaction to fire	A1fl	
Conventional layer thickness	30 - 600 mm	
Working time	approx. 15 minutes	
Loadable / traffic release	after approx. 30 minutes	
Compressive strength [N/mm²] DIN EN 1015-11	after 30 minutes after 1 hour after 28 days	approx. 15 N/mm² approx. 22 N/mm² approx. 38 N/mm²
Flexural strength [N/mm²] DIN EN 1015-11	after 30 minutes after 1 hour after 28 days	approx. 3,0 N/mm² approx. 4,0 N/mm² approx. 6,4 N/mm²
Dynamic modulus of elasticity [N/mm²]	after 28 days	approx. 26.000 N/mm²
Static modulus of elasticity [N/mm²]	after 28 days	approx. 22.000 N/mm²
Water admixture	per 25 kg unit	approx. 3,2 - 3,5 l
Material consumption	per m² per 10 mm	approx. 20 kg

PROCESSING

Sub-base
Clean substrate with wire brush, remove loose components and dust with suitable broom. The application surface must be clean, solid and free from materials that may affect adhesion. For maximum bond, it is recommended to clean the surface thoroughly with a high-pressure washer. Remove any standing water.

For full depth repairs, remove damaged asphalt and loose debris and cut vertical sides rectangular. Saturate the surface with water before applying ASPHALT REPAIR MIX.

Mixing
Before starting work, make sure that all personnel and equipment/tools required are in place. Mix ASPHALT REPAIR MIX with the specified quantity of water for approx. 1 - 3 minutes in suitable pan type mixer until a lump-free and uniform consistency is achieved. To mix, first add water into the mixing container. Then, whilst the mixer/stirrer is running, add ASPHALT REPAIR MIX. Use less water to achieve higher strength. Do NOT exceed the maximum water admixture.

Processing
ASPHALT REPAIR MIX may be processed in traditional methods. Carry out application and compaction quickly in order to allow maximum finishing time. ASPHALT REPAIR MIX may be smoothed, floated or textured, e.g. using textured roll. Apply ASPHALT REPAIR MIX in one complete layer, i.e. not in several layers, and as uniformly as possible. Do not apply on frozen sub-base. When compacting, avoid the entry of air voids. Temperature > 20 °C will reduce the working time, temperature < 20 °C may delay the strength development.
ASPHALT REPAIR MIX may be processed at temperature between 5°C to 30°C.

CURING

After-treatment is generally not necessary. In case of high temperatures and prolonged exposure to sunlight, we recommend after-treatment with a paraffin-containing curing agent.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore, protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



CONCRETE PHARMACY

per 10/2026

SET Control - Retarder / FLOW Control - Plasticizer / FAST - Accelerator

DESCRIPTION

- **SET Control** – Retarder is a high-quality additive to slow down the setting time of Rapid Set repair mortars.
- **FLOW Control** – Plasticizer is a high-quality additive to significantly improve the fluidity of Rapid Set repair mortars.
- **FAST** – Accelerator is a high-quality additive to accelerate the setting time of Rapid Set repair mortars. FAST is ideal for cold weather applications as well as for projects that require fastest setting times.

APPLICATION

- **SET Control** slows down the setting time of the cement and is used to extend the working time of Rapid Set products. This extra time may be needed when placing large, complex projects or in warm weather conditions when cement naturally sets faster.
- **FLOW Control** will significantly improve the fluidity of the mix. The consistency of a stiff mix becomes more fluid. When using FLOW Control as replacement of mixing water, it will increase strengths.
  When using FLOW Control, the same consistency (slump) can be produced with 20 - 40 % less mixing water.
- **FAST** accelerates the setting time of the Rapid Set products CEMENT ALL, MORTAR MIX and CONCRETE MIX.

PROCESSING

- **SET Control** is dissolved in the mixing water. DO NOT use more than 4 packets per 25 kg bag Rapid Set repair mortar. Adding 1 packet SET Control to 25 kg CEMENT ALL, MORTAR MIX or CONCRETE MIX will extend the setting time by up to 20 minutes. The slowing down of the setting time and fluidity may vary depending on the physical parameters. A trial batch is recommended to fine-tune the requested properties to job-site conditions. SET Control may also be combined with FLOW Control.
- **FLOW Control** is added directly to the Rapid Set repair mortar during the initial mixing process. DO NOT use more than 4 packets per 25 kg bag Rapid Set repair mortar. The fluidity may vary depending on the physical parameters (e.g. temperature-related). A trial batch is recommended to fine-tune the requested properties to job-site conditions. FLOW Control may also be combined with SET Control and FAST.
- **FAST** is dissolved in the mixing water. DO NOT use more than 4 packets per 25 kg bag Rapid Set repair mortar. The acceleration of the setting time may vary depending on the physical parameters (e.g. temperature-related). A trial batch is recommended to fine-tune the requested properties to job- site conditions. FAST may also be combined with FLOW Control.

SUPPLY

Packets (10 pcs in 1 packaging unit)

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



LevelFlor

per 10/2026

mineral, self-leveling, fast-setting underlayment

DESCRIPTION

LevelFlor is a high-quality, advanced, self-leveling underlayment, based on special cement technology, for indoor use. LevelFlor is fast-setting and designed as floor underlayment. It can be covered with finished flooring in 6 - 16 hours (at 20 °C). LevelFlor qualifies for both new construction and repair projects.

APPLICATION

Rapid Set LevelFlor is a fast-setting, self-leveling underlayment for indoor use, in residential and industrial construction, applied in bond on cementitious sub-bases. LevelFlor is load-bearing and an ideal base for floor coverings such as linoleum, textile and PVC coverings, laminate, ceramic tiles and natural stone. LevelFlor must be covered with a finished floor.

PROPERTIES

- application thickness up to 120 mm (see processing)
- self-leveling
- fast-setting
- quickly ready for covering
- high-strength
- low-shrinkage
- mineral
- easy to mix
- pumpable
- indoors

TECHNICAL DATA

Quality	CT-C35-F6	
Grain size	0 - 2 mm	
Colour	grey	
Reaction to fire	A1fl	
Working time at +20 °C and 65 % rel. air humidity	approx. 30 minutes	
Flow life	approx. 15 minutes	
Setting time with reference to DIN EN 196-3	initial set final set	approx. 140 minutes approx. 200 minutes
Ready for foot traffic	after approx. 3 - 4 hours	
Ready for covering The readiness for covering is independent of the layer thickness and is influenced by the ambient temperature and air humidity. It is recommended to check the residual moisture by suitable measurement.	diffusion-open coverings (e.g. tiles, paint coats)	after approx. 6 h
	diffusion-tight coverings (e.g. parquet, bitumen waterproofing)	after approx. 16 h
Compressive strength [N/mm²] DIN EN 1015-11	after 24 hours after 7 days after 28 days	> 20,0 N/mm² > 24,0 N/mm² > 34,0 N/mm²
Flexural strength [N/mm²] DIN EN 1015-11	after 7 days	> 7,9 N/mm²
VOC content	0 g/L	
Temperature processing, ambient and sub-base temperature	≥ 5 °C	
Water addition	per 25 kg bag	approx. 4,75 - 5,0 l
Material consumption	per m² per mm	approx. 1,7 kg

PROCESSING

Sub-base
Pre-treatment of sub-base by milling and/or shot-peening. Existing cracks, breakouts and damaged joints must be properly repaired. The sub-base must be load-bearing, solid, clean, dry and free from loose debris, oils, greases or other bond impairing contamination.

Surface bond strength:
- without traffic stress ≥ 1,0 N/mm²
- with traffic stress ≥ 1,5 N/mm²

The demands of DIN 18365 and DIN 18560 apply. Apply KORODUR PC (see data sheet) on the prepared sub-base or, on difficult sub-base, apply the two-component epoxy-resin primer KORODUR TXPK and broadcast with fire-dried quartz sand in grain size 0,4 - 0,8 mm (see data sheet KORODUR TXPK).

Processing
Mix LevelFlor in a clean, suitable container (e.g. KORODUR 30 liter mixing bucket) with approx. 4,75 - 5,0 l water with a suitable stirrer (minimum 650 rpm) or in pan type mixer (e.g. Collomix LevMix, Hippo-mixer) for approx. 3 - 5 minutes until the mix is lump-free and homogenous. Define the correct consistency by determination of the slump. We recommend the use of our “FLOW kit” with the relevant instructions.
Apply LevelFlor on the prepared and primed sub-base in a typical layer thickness of 3 - 70 mm. (layer thickness > 70 mm possible after checking the given conditions resp. consulting the KORODUR application engineering department). LevelFlor will level within its 15 minutes flow life. For uniform application of the material, the use of a qualified rake is recommended. To remove air enclosures, treat the still flowable surface with a spiked roller. To achieve the planned nominal thickness we recommend to set height markings or to take other suitable measures. The total area must be protected from too rapid drying out, during the application and until it can be walked on, from wind, air drafts, sun exposure etc. Ambient and material temperature above 20 °C may accelerate the setting time and strength development. Adapt the processing accordingly. It is recommended to use cold mixing water. Ambient and material temperature below 20 °C may slow down the setting time and strength development, especially with thinner layers. It is recommended to keep the material warm and/or to use heated mixing water.

CURING

Differing temperatures may influence the setting resp. hardening process. Under normal conditions at +20 °C no curing required. Avoid applications in extremely dry, windy, hot or sunny conditions.

JOINTS

Joints in the sub-base have to be taken over in the layer. LevelFlor must be separated from uprising masonry (walls, columns etc.).

SUPPLEMENTARY HINTS

Moisture insensitive floors, such as tiles, may be placed in approx. 6 hours. Moisture sensitive floors, such as PVC flooring, in 16 hours. Follow the flooring manufacturer’s recommendations regarding vapor diffusion and retained water. It is recommended to adapt the application/qualification of LevelFlor to the jobsite conditions and to install test sections. LevelFlor is ready for foot traffic in 3 - 4 hours (at +20 °C), for rubber wheel traffic in 24 hours. LevelFlor is not designed as final floor and must be covered with a finished floor such as TRU Self-Leveling, TRU PC, TRU SP, NEODUR Level (see data sheets) or tiles etc. LevelFlor is suitable for use with underfloor heating; the normative requirements and installation heights (DIN 18560) apply.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



KORODUR MICROTOP®

MICROTOP TW – the complete system for the repair of drinking water reservoirs on pure mineral basis

DIN DVGW CERT

tested acc. to DVGW work sheet W 300

WH KORODUR

MICROTOP® the complete system for the repair of drinking water reservoirs

MICROTOP product range

MICROTOP TW 3 (natural, white*, blue)	Microsilica-modified shotcrete mortar for dry-mix shotcrete method in the drinking water sector, for thick coats of approx. 9-20 mm. TW 3 can also be processed manually. Granulometric composition 0-3 mm. Application combined with TW BM as bonding agent.
MICROTOP TW 3 HOZ	Microsilica-modified shotcrete mortar with blast furnace cement for dry-mix shotcrete method in the drinking water sector for the re-profiling and coating of surfaces, for increasing the thickness of concrete covers and for the finish. Application combined with TW BM as bonding agent.
MICROTOP TW 5	Microsilica-modified shotcrete mortar for dry-mix shotcrete method in the drinking water sector, for thick coats of approx. 10-30 mm. TW 5 can also be processed manually. Granulometric composition 0-5 mm. Application combined with TW BM as bonding agent.
MICROTOP TW 8	Microsilica-modified shotcrete concrete for dry-mix shotcrete method in the drinking water sector, for the re-profiling of deeper flaking. On smaller areas TW 8 can also be processed manually. Granulometric composition 0-8 mm.
MICROTOP TW NSM (natural, white*, blue)	Microsilica-modified shotcrete mortar for wet-mix shotcrete method in the drinking water sector, for thick coats in one layer of up to approx. 20 mm. TW NSM can also be processed manually. Granulometric composition 0-3 mm.
MICROTOP TW NSD	Microsilica-modified shotcrete mortar for wet-mix pneumatic conveyance and dense phase procedure in the drinking water sector, up to approx. 25 mm. TW NSD is easy to grind and smooth. Smaller areas can also be processed manually.
MICROTOP TW VSM	Mineral special mortar for pre-spray works in drinking water reservoirs and other water technical plants. TW VSM can be processed by shotcreting or manually.
MICROTOP TW BM (natural or white*)	Coating mortar for the interior lining of drinking water reservoirs, pipes and other water technical plants, in an application thickness of 3-8 mm. TW BM can be processed in wet-mix shotcrete method or manually.
MICROTOP TW 02 (natural, white*, blue)	Mineral, microsilica-modified thin coat mortar for the drinking water sector in wet-mix shotcrete method, for an application thickness of approx. 2-5 mm. TW 02 can be processed by shotcreting or manually.
MICROTOP TW Mineral	Liquid surface modification on silicate basis for the stabilization of mineral building materials on porous sub-bases – silicifying reaction (not pure white).

MICROTOP product properties

MICROTOP TW special mortars combine the microsilica technology with the applicable DIN directives.

MICROTOP TW shotcrete mortars can be processed in wet-mix pneumatic conveyance and dense phase procedure.

MICROTOP TW shotcrete mortars can be processed in dry-mix or wet-mix method acc. to DIN 18551 and DIN 1045.

MICROTOP TW special mortars fulfill all relevant demands to coating mortars in the drinking water sector and are proven to contain no bioavailable substances (tested by the Hygiene-Institute Gelsenkirchen).

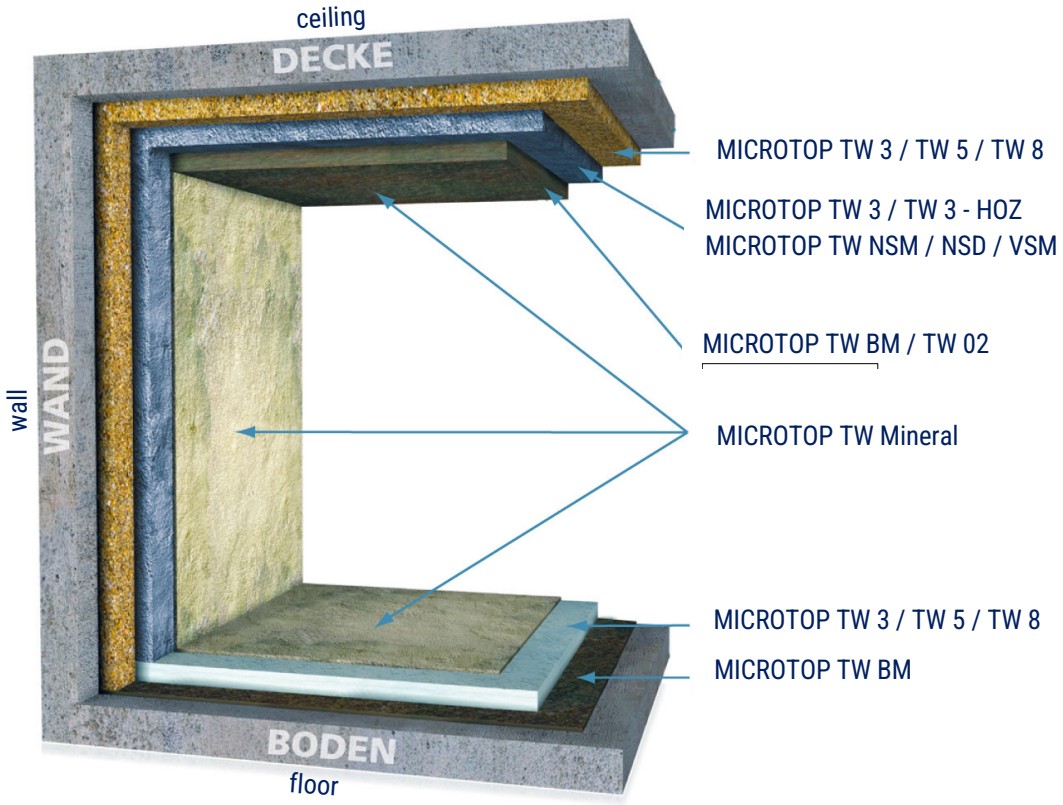
MICROTOP TW is the perfect complete system. The material system allows any type of construction. For new or existing constructions, the application/repair can be done in thin or thick coat.

MICROTOP technical data

	demands DVGW 300	TW 3	TW 5	TW 8	TW NSM TW NSD
total porosity after 28 d	≤ 12 vol.%	≤ 12 vol.%	≤ 12 vol.%	≤ 12 vol.%	≤ 12 vol.%
total porosity after 90 d	≤ 10 vol.%	≤ 10 vol.%	≤ 10 vol.%	≤ 10 vol.%	≤ 10 vol.%
water/cement ratio	≤ 0,5	≤ 0,4-0,5	≤ 0,4-0,5	≤ 0,4-0,5	≤ 0,4-0,5
air void ratio	≤ 5 vol.%	≤ 3-5 vol.%	≤ 3-5 vol.%	≤ 3-5 vol.%	≤ 3-5 vol.%
bulk density acc. to DIN 1048 T-2		2,2-2,3 kg/dm³	2,2-2,3 kg/dm³	2,2-2,3 kg/dm³	2,2-2,3 kg/dm³
compressive strength after 28 d		≥ 45 N/mm²	≥ 45 N/mm²	≥ 45 N/mm²	≥ 45 N/mm²
surface bond strength	≥ 1,5 N/mm²	≥ 1,5 N/mm²	≥ 1,5 N/mm²	≥ 1,5 N/mm²	≥ 1,5 N/mm²
layer thickness	15 mm ± 5 mm	9 - 20 mm	10 - 30 mm	25 mm	10 - 20 mm

MICROTOP® on pure mineral basis

MICROTOP cross section – the system for floor, wall and ceiling (in various versions)



MICROTOP benefits

for the installer

- in dry-mix shotcrete procedure, thus larger conveying distances and higher compaction due to higher impact force
- in wet-mix shotcrete procedure (dense-phase-conveyance), thus low dust development and constant water/cement ratio
- pneumatic conveyance-dense-phase procedure
- optimum processing properties
- fulfills highest quality demands due to microsilica modification
- no organic additives
- low rebound due to optimum sieve curve
- the system for floor, wall and ceiling

for the plant operator

- fulfills highest demands to durability
- economic cleaning and maintenance due to high surface density
- shorter construction times, lower repair costs
- attractive surface optics
- one layer

MICROTOP quality management

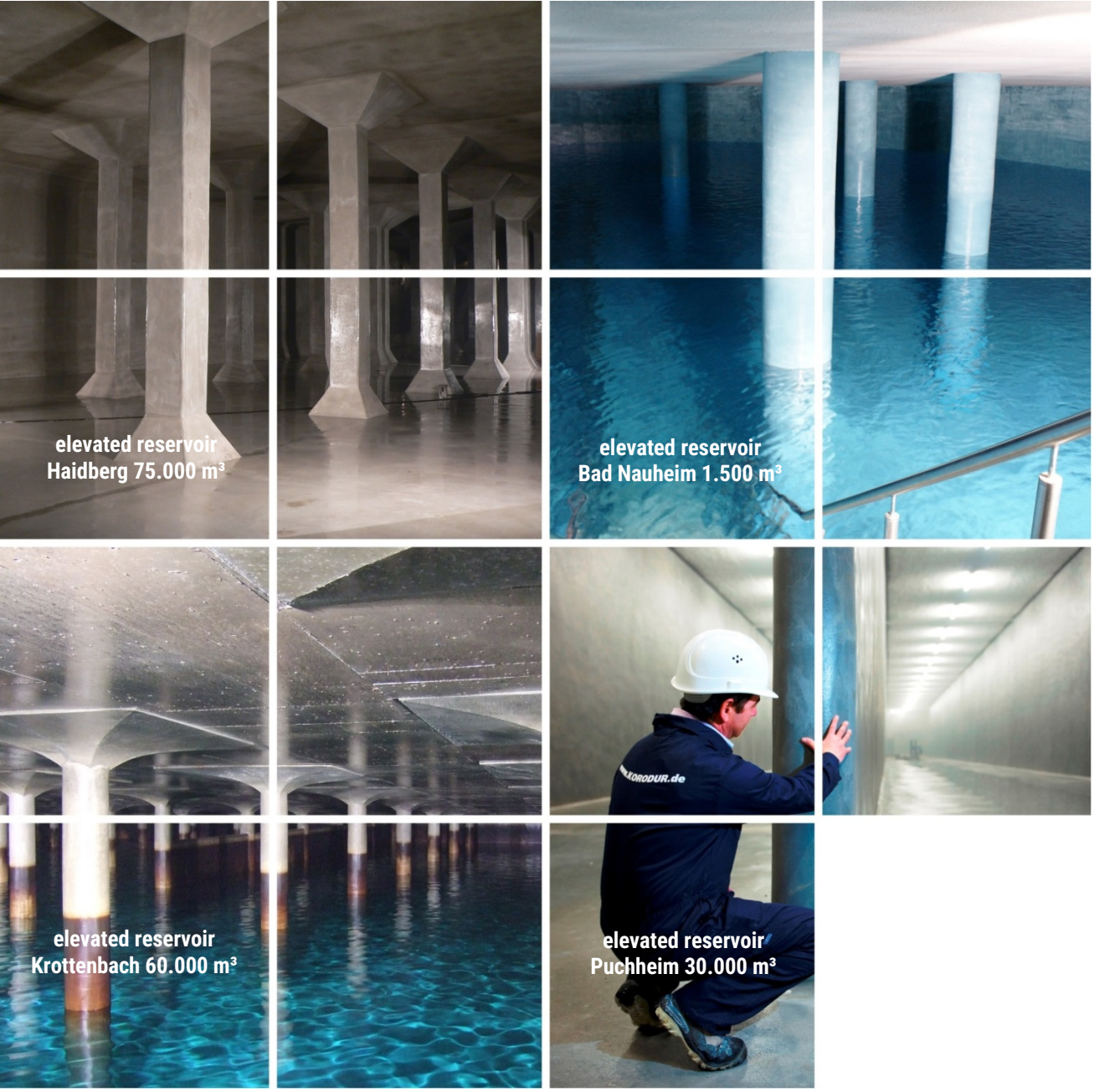
MICROTOP TW products are based on pure mineral substances. Quality management system, computer-controlled production processes and years of intensive development work guarantee highest quality of our factory-produced dry mortars.

MICROTOP TW products fulfill the high demands to hygiene and the guidelines of the DVGW.

MICROTOP TW test certificates acc. to DVGW work sheets W 270 and W 347 of the Hygiene-Institute Gelsenkirchen, LGA Nürnberg and MPVA Neuwied are available.

MICROTOP TW products fulfill the new DVGW guidelines W 300, classified TYP 1 (pure mineral).

*Despite the utmost care in the production and selection of raw materials, with MICROTOP products in white, it cannot be totally avoided that occasional irritations in form of oversize grains and aggregates with colour deviations can occur. This is due to the natural character and gives no reason for any recourse to our house.



per 10/2026

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW 02

per 10/2026

mineral, microsilica-modified special mortar/grout suitable as corrosion protection, bonding agent and filler - for the drinking water sector

DESCRIPTION

MICROTOP TW 02 is a pure mineral, hydraulic setting, microsilica-modified special mortar for the drinking water sector. MICROTOP TW 02 may be shotcreted, trowelled and smoothed and is suitable as corrosion protection and bonding agent. It meets the DVGW work sheets type class 1, W 300 and W 347.

APPLICATION

For the production of shotcrete mortars in wet-mix shotcrete method (dense phase conveying) procedure, for the coating of surfaces, increasing the concrete cover and the finish in the drinking water sector. Also suitable as corrosion protection and bonding agent
MICROTOP TW 02 has an extremely low pore volume.

PROPERTIES

- microsilica-modified
- low modulus of elasticity
- low pore volume
- open to steam diffusion
- water impermeable
- can be smoothed and troweled
- good adhesion, optimum bond
- can be machine sprayed

TECHNICAL DATA

Quality	C30/37
Grain size	0 - 0,2 mm
Colour	natural
Density	approx. 2,04 kg/l
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water / cement ratio	≤ 0,4 - ≤ 0,5
Water addition	approx. 5 - 6,25 l/25 kg bag
Layer thickness	approx. 2 - 5 mm
DVGW work sheet type class 1, W 300, W 347	☑

PROCESSING

Sub-base
The base concrete/old plaster (surface bond strength minimum ≥ 1,5 N/mm²) must be blasted, preferably with high pressure water ≥ 1.000 bar. For full bond, the surface must be free of cracks, flat, free from loose and brittle debris and fine mortar slurry. It must be rough and open-pore. Thorough pre-wetting of the sub-base one day prior to the application. Possible gravel pockets, cavities etc. must be leveled with MICROTOP TW 02 scratch coat.

Processing
Mix a complete bag MICROTOP TW 02 with the specified amount of water for approx. 3 minutes with a slowly running stirrer. Processing acc. to DIN 18551 in wet-mix shotcrete method or trowelling technique.

AFTER-TREATMENT

Ensure the air conditioning of the water chambers to prevent the formation of condensation water until the applied material has gained sufficient mechanical strength. By the use of humidifiers, the relative humidity must be kept at 95 % for at least 10 days after the application. The heat input must not exceed 20 °C. Avoid drafts and strong air movements.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW BM

per 10/2026

mineral coating mortar for the lining of drinking water pipes and reservoirs as well as for other work sections in spun, shotcrete and manual application

DESCRIPTION

MICROTOP TW BM is a pure mineral, hydraulic setting special mortar for interior lining of drinking water pipes and reservoirs and other work sections. It meets the work sheets type class 1, W 300 and W 347.

APPLICATION

For the interior lining of new drinking water pipes and reservoirs, repair of pipes as well as for other work sections. Its special composition provides excellent processing and usage features.
MICROTOP TW BM can be processed in spun, shotcrete and manual application.
MICROTOP TW BM can also serve as bonding compound for floor coatings and as corrosion protection.

PROPERTIES

- water impermeable
- solid bond to concrete and steel
- corrosion-impeding
- easy to mix
- easy to pump

TECHNICAL DATA

Quality	C30/37
Grain size	0 - 1 mm
Colour	natural
Density	approx. 2,11 kg/l
Compressive strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	≥ 35 N/mm²
Flexural strength [N/mm²] after 28 days, measured on defined prisms acc. to DIN EN 13892-2	≥ 6 N/mm²
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water/cement ratio	≤ 0,5
Water addition	approx. 5 - 6,25 l/25 kg bag
Layer thickness	approx. 5 - 8 mm
DVGW work sheet type class 1, W 300, W 347	☑

PROCESSING

Sub-base
The sub-base must be load-bearing and prepared. For full bond, the surface must be crack-free, flat, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The sub-base must be thoroughly pre-wet.

Processing
Mix a complete bag of MICROTOP TW BM with the specified amount of water for approx. 3 minutes in slowly running pan type mixer/stirrer.
MICROTOP TW BM can be processed in wet-mix shotcrete method or manually.

AFTER-TREATMENT

Differing temperatures may influence the setting/hardening process. MICROTOP TW BM must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW VSM

per 10/2026

mineral shotcrete mortar for pre-spraying works in shotcrete or manual application in drinking water reservoirs and other water technical plants

DESCRIPTION

MICROTOP TW VSM is a pure mineral, hydraulic setting special mortar for pre-spraying works in drinking water reservoirs and other water technical plants. It meets the DVGW work sheets type class 1, W 347.

APPLICATION

For interior lining and repair of new and old drinking water reservoirs and other masonry. Its special composition provides excellent processing and working features.
MICROTOP TW VSM is easy to grind and smooth. Smaller areas can be processed manually.

PROPERTIES

- solid bond to concrete and steel
- easy to mix
- easy to pump

TECHNICAL DATA

Quality	C12/15
Grain size	0 - 2 mm
Colour	natural
Density	approx. 1,98 kg/l
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water / cement ratio	≤ 0,5
Water addition	approx. 3,75 l/25 kg bag
Layer thickness	approx. 15 - 20 mm
Yield	approx. 14 l/25 kg bag
DVGW work sheet type class 1, W 347	☑

PROCESSING

Sub-base
The sub-base must be load-bearing and prepared. For full bond, the surface must be crack-free, flat, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The sub-base must be thoroughly pre-wet.

Processing
Mix a complete bag MICROTOP TW VSM with the specified amount of water for approx. 3 minutes with a slowly running stirrer. Application by means of any customary spraying equipment or manually.

AFTER-TREATMENT

Differing temperatures may influence the setting/hardening process. MICROTOP TW VSM must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW 3 / TW 5 / TW 8

per 10/2026

mineral, microsilica-modified shotcrete mortar/concrete
for dry-mix shotcrete method in the drinking water section

DESCRIPTION

MICROTOP TW 3 / TW 5 / TW 8 are hydraulic setting, microsilica-modified shotcrete mortars/concretes for dry-mix shotcrete method (thin stream conveyance) in the drinking water section. They meet the DVGW work sheets, type class 1, W 300 and W 347.

- MICROTOP TW 3: microsilica-shotcrete mortar grain size 0 - 3 mm
- MICROTOP TW 5: microsilica-shotcrete mortar grain size 0 - 5 mm
- MICROTOP TW 8: microsilica-shotcrete concrete grain size 0 - 8 mm

APPLICATION

For the production of shotcrete mortar/concrete for dry-mix shotcrete method, for re-profiling and coating of surfaces, for increasing of concrete covers and for the finish in the drinking water section.
The materials are processed in one layer and are easy to grind and smooth. Smaller areas can be processed manually.

PROPERTIES

- microsilica-modified
- low modulus of elasticity
- low pore volume
- open to steam diffusion
- water impermeable
- chloride-free
- can be smoothed and trowelled
- can be machine sprayed

TECHNICAL DATA

Quality	all qualities	C30/37
Grain size	MICROTOP TW 3 MICROTOP TW 5 MICROTOP TW 8	0 - 3 mm 0 - 5 mm 0 - 8 mm
Colour	MICROTOP TW 3 MICROTOP TW 5 MICROTOP TW 8	natural, white natural natural
Density	MICROTOP TW 3 MICROTOP TW 5 MICROTOP TW 8	approx. 2,24 kg/l approx. 2,25 kg/l approx. 2,27 kg/l
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Water / cement ratio	all qualities	≤ 0,5
Water addition	MICROTOP TW 3 MICROTOP TW 5 MICROTOP TW 8	approx. 2,5 l/25 kg approx. 2,3 l/25 kg approx. 2,2 l/25 kg
Single layer thickness	MICROTOP TW 3 MICROTOP TW 5 MICROTOP TW 8	approx. 9 - 20 mm approx. 14 - 40 mm ≥ 25 mm
DVGW work sheet type class 1, W 300, W 347	all qualities	☑

PROCESSING

Sub-base
The base concrete/old plaster (surface bond strength minimum ≥ 1,5 N/mm²) must be blasted, preferably with high pressure water ≥ 1.000 bar. For full bond, the surface must be free of cracks, flat, free from loose and brittle debris and fine mortar laitance. It must be rough and open-pore. Thorough pre-wetting of the sub-base one day prior to the application.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Processing
Application on the matt-damp surface acc. to DIN 18551 by thin stream conveyance both pre-wet or dry.
The water/cement ratio of ≤ 0,5 must be maintained. Check by weighing and drying test.

AFTER-TREATMENT

Ensure air conditioning of the water chambers to prevent the formation of condensation water until the applied material has gained sufficient mechanical strength. By the use of humidifiers, the relative humidity must be kept at 95 % for at least 10 days after application. The heat input must not exceed 20 °C. Avoid drafts and strong air movements.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW NSM

per 10/2026

mineral, microsilica-modified shotcrete mortar for wet-mix shotcrete method in the drinking water section

DESCRIPTION

MICROTOP TW NSM is a pure mineral, hydraulic setting, microsilica-modified special mortar for wet-mix shotcrete method in the drinking water section. It meets the DVGW work sheets, type class 1, W 300 and W 347.

APPLICATION

For the production of shotcrete mortars in wet-mix method, for the re-profiling and coating of surfaces in the drinking water section, for increasing the concrete cover and for the finish. The materials are easy to grind and smooth. Smaller areas can be processed manually in combination with a bonding compound.

PROPERTIES

- microsilica-modified
- low modulus of elasticity
- low rebound
- low dust development
- open to steam diffusion
- water impermeable
- chloride-free
- can be smoothed and trowelled
- can be machine sprayed

TECHNICAL DATA

Quality	C30/37
Grain size	0 - 3 mm
Colour	natural, white, blue
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water/solids ratio	approx. 0,14 - 0,15
Water addition	approx. 3,6 l/25 kg bag
Layer thickness in one layer	approx. 20 mm
DVGW work sheet type class 1, W 300, W 347	☑

PROCESSING

Sub-base
The base concrete/old plaster (surface bond strength minimum ≥ 1,5 N/mm²) must be blasted, preferably with high pressure water ≥ 1.000 bar. For full bond, the surface must be free of cracks, flat, free from loose and brittle debris and fine mortar slurry. It must be rough and open-pore. Thorough pre-wetting of the sub-base one day prior to the application.

Processing
Mix a complete bag MICROTOP TW NSM with the specified amount of water for approx. 3 minutes. Application on the matt-damp surface in dense phase conveyance with suitable worm gear pump (e.g. m-tec P 20 with Rotor/Stator D8/2), including injection air for spraying.

AFTER-TREATMENT

Ensure air conditioning of the water chambers to prevent the formation of condensation water until the applied material has gained sufficient mechanical strength. By the use of humidifiers, the relative humidity must be kept at 95 % for at least 10 days after application. The heat input must not exceed 20 °C. Avoid drafts and strong air movements.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



MICROTOP TW Mineral

per 10/2026

liquid surface modification on silicate basis
for the silicification of cementitious surfaces

DESCRIPTION

MICROTOP TW Mineral is a liquid, transparent surface protection system on silicate basis designed for the surface modification in drinking water storage systems. The increasing silicification provides a steady improvement of the cement matrix, thus, acc. to the DVGW rules, MICROTOP TW Mineral qualifies for drinking water treatment plants.

APPLICATION

For the consolidation of mineral surfaces along with a surface sealing. MICROTOP TW Mineral effects an improvement of the microstructure by chemical reaction of mineral-bound building materials (silicification reaction).

PROPERTIES

- improved surface properties
- increased density
- water-repellent effect
- improved surface hardness

TECHNICAL DATA

Condition	liquid
Colour	transparent
Density	1,14 g/cm³
Viscosity	approx. 100 mPas
pH-value	approx. 11,3
Material consumption depending on the porosity of sub-base exact values can be determined in pilot tests	approx. 150 - 250 g/m²

PROCESSING

Sub-base
For full bond, the surface must be crack-free, flat, free from loose and brittle debris and fine mortar slurry, rough and open-pore. The sub-base must be thoroughly pre-wet.

Processing
Application after 7 days at the earliest by means of brush or low pressure sprayer (garden sprayer). Don't spray in too fine mist, as this would affect a proper reaction. Depending on the absorbency of the sub-base, spray in one or multiple steps. On only slightly absorbent sub-bases, MICROTOP TW Mineral may be diluted with water 1:1.

SUPPLEMENTARY HINTS

Do not store MICROTOP TW Mineral in aluminium or galvanized containers.
MICROTOP TW Mineral must not come into contact with glass or aluminium when fresh. If it does, rinse with plenty of water.

SUPPLY

20 kg plastic container

STORAGE

Dry and frost-free in closed original container. Shelf-life approx. 12 months.

HINTS: Not subject to labeling according to GefStoffV. MICROTOP TW Mineral has an alkaline reaction. Therefore protect skin and eyes. Wear suitable protective gloves and goggles when working. In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor. Remove spilled material immediately with sand or other absorbent material. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR VM 5 Grouting concrete

per 10/2026

mineral, hydraulic setting, highly flowable expansive grouting concrete for all kinds of grouting and assembly works

DESCRIPTION

NEODUR VM 5 is a ready to use, non-shrink, fast-setting and early high-strength grouting concrete acc. to DAfStb guideline VeBMR.
For all kinds of grouting and assembly works, based on high-grade KORODUR aggregates.

APPLICATION

For full bond grouting works, e.g. for anchor and assembly holes, grouting underneath of machines, turbines, craneway rails, steel and concrete supports, railing posts, pipe culverts and channels for heavy-loads for traffic areas.
Due to its final strengths NEODUR VM 5 is suitable for highest dynamic and static stress.

PROPERTIES

- highly flowable
- non-shrink
- fast-setting
- high early and final strengths
- solid bond to concrete and steel
- frost and de-icer resistant
- waterproof
- chloride-free
- easy to mix
- for indoors and outdoors

TECHNICAL DATA

Quality	C80/95						
Grain size	0 - 5 mm						
Compressive strength	≥ 95 N/mm²						
Grouting height/width	up to 200 mm						
Swelling value	≥ 0,1 vol. %						
Water addition	approx. 3,0 – 3,2 l/25 kg						
Yield	approx. 12 - 13 l/25 kg						
Slump class	a3 > 700 mm						
Shrinkage class	SKVB I						
Temperature	≥ 5 °C						
Humidity classes based on concrete corrosion due to alkali-silica reaction. The aggregates of the NEODUR products comply with DIN EN 12620 of alkali sensitivity class E1 from harmless resources.	**Humidity class**						
	W0	WF	WA	WS			
	fulfilled						
Exposure class acc. to DIN EN 206-1 / DIN 1045-2	X0	XC	XD	XS	XF	XA**	XM
		1234	123	123	1234	123***	1
	fulfilled						

** at sulfate attack up to 1.500 mg/l *** with additional safety measures acc. to DIN 1045-2, proof of sulfate resistance acc. to DIN 19573, Appendix C.

APPLICABLE NORMS / GUIDELINES

DAfStb guideline (VeBMR) production and use of cementitious grouting mortar and grouting concrete, DIN EN 1504-3, DIN 12620 and DIN EN 206.

PROCESSING

Sub-base
For full bond the sub-base must be free from cracks, flat, free from loose debris, dust, cement slurry, oils and greases. Pre-wet the sub-base thoroughly, avoiding formation of puddles.

Processing
Mix a complete bag NEODUR VM 5 with the specified amount of water for approx. 3 minutes in suitable pan type mixer or with stirrer (approx. 400 rpm).

The grouting must take place void-free and without interrupting work. Take care for ventilation. NEODUR VM 5 may be pumped in customary worm and concrete pumps.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
NEODUR VM 5 must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging
loose in silo
big bag

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR VM basic

per 10/2026

mineral, hydraulic setting, highly flowable expansive grouting concrete for all kinds of grouting and assembly works

DESCRIPTION

NEODUR VM basic is a ready to use, non-shrink, fast-setting and early high-strength grouting concrete acc. to DAfStb guideline VeBMR.
For all kinds of grouting and assembly works, based on high-grade KORODUR aggregates.
Tested in accordance with DVGW work sheet W 347 for hygienic requirements in the drinking water section.

APPLICATION

For full bond grouting works, e.g. for anchor and assembly holes, grouting underneath of machines, turbines, craneway rails, steel and concrete supports, railing posts, pipe culverts and channels for heavy-loads for traffic areas. Due to its final strengths NEODUR VM basic is suitable for highest dynamic and static stress as well as for use in the drinking water sector in accordance with the German drinking water ordinance.

PROPERTIES

- highly flowable
- non-shrink
- fast-setting
- high early and final strengths
- solid bond to concrete and steel
- frost and de-icer resistant
- waterproof
- chloride-free
- easy to mix
- for indoors and outdoors

TECHNICAL DATA

Quality	C55/67
Grain size	0 - 5 mm
Compressive strength	after 1 day ≥ 40 N/mm² after 7 days ≥ 60 N/mm² after 28 days ≥ 75 N/mm²
Grouting height/width	15 - 200 mm
Swelling value	≥ 0,1 vol. %
Water addition	approx. 3,0 – 3,2 l/25 kg bag
Yield	approx. 12 - 13 l/25 kg
Slump class	a3 > 700 mm
Shrinkage class	SKVB II
Temperature	≥ 5 °C

Humidity classes based on concrete corrosion due to alkali-silica reaction. The aggregates of the NEODUR products comply with DIN EN 12620 of alkali sensitivity class E1 from harmless resources.	**Humidity class**			
	W0	WF	WA	WS
	fulfilled			

Exposure class acc. to DIN EN 206-1 / DIN 1045-2	X0	XC	XD	XS	XF	XA**	XM
		1234	123	123	1234	123***	1
	fulfilled						

** at sulfate attack up to 1.500 mg/l *** with additional safety measures acc. to DIN 1045-2, proof of sulfate resistance acc. to DIN 19573, Appendix C.

APPLICABLE NORMS / GUIDELINES

DAfStb guideline (VeBMR) production and use of cementitious grouting mortar and grouting concrete, DIN EN 1504-3, DIN 12620, DIN EN 206 and DVGW work sheet W 347.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

Sub-base
For full bond the sub-base must be free from cracks, flat, free from loose debris, dust, cement slurry, oils and greases. Pre-wet the sub-base thoroughly, avoiding formation of puddles.

Processing
Mix a complete bag NEODUR VM basic with the specified amount of water for approx. 3 minutes with stirrer (approx. 400 rpm), or with suitable mixing and pumping technology, e.g. with S 5 EV EVTM from Putzmeister, PA-BEC from Bau-Maschinen Beckschulte, Project CP 30 BASIC from EUROMAIR, or pump with EMT 75 from ESKA-Maschinentechnik.

The grouting must take place void-free and without interrupting work. Take care for ventilation.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
NEODUR VM basic must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR SVM 03 / SVM 4

per 10/2026

mineral, hydraulic setting, highly flowable fast-setting grouting mortar for all kinds of grouting and assembly works

DESCRIPTION

NEODUR SVM 03 and SVM 4 fast-setting grouting mortars are ready to use, high early strength fast-setting grouting mortars for all kinds of grouting and assembly works, based on high-grade KORODUR aggregates.

- NEODUR SVM 03: grain size 0 - 0,5 mm
- NEODUR SVM 4: grain size 0 - 3 mm

APPLICATION

For fast and full bond grouting works, e.g. anchor and assembly holes, to grout underneath of machines, turbines, craneway rails, steel and concrete supports, railing posts, constructions for signal equipment, high-shelf supports, pipe culverts and heavy-duty channels for traffic areas. NEODUR SVM 4 is particularly suitable for the grouting of catenary pylons for the electrification of railway lines.

PROPERTIES

- fast-setting
- highly flowable
- fast initial strengths (can be stressed within short)
- solid bond to concrete and steel
- waterproof
- chloride-free
- easy to mix
- for indoors and outdoors

TECHNICAL DATA

Quality	NEODUR SVM 03 NEODUR SVM 4	C50/60 C35/45
Grain size	NEODUR SVM 03 NEODUR SVM 4	0 - 0,5 mm 0 - 3 mm
Compressive strength [N/mm²]	NEODUR SVM 03	after 1 hour ≥ 8 N/mm² after 24 hours ≥ 23 N/mm² after 28 days ≥ 55 N/mm²
	NEODUR SVM 4	after 1 hour ≥ 7 N/mm² after 24 hours ≥ 15 N/mm² after 28 days ≥ 40 N/mm²
Grouting height/width	NEODUR SVM 03 NEODUR SVM 4	approx. 5 - 30 mm approx. 10 - 50 mm
Water addition	NEODUR SVM 03 NEODUR SVM 4	approx. 5,3 l/25 kg approx. 3,0 l/25 kg
Yield	all qualities	approx. 12 - 13 l/25 kg
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C

PROCESSING

Sub-base

For full bond the sub-base must be free from cracks, flat, free from loose particles, dust, cement slurry, oils and greases. Pre-wet the sub-base thoroughly, avoiding formation of puddles.

Processing

Mix a complete bag NEODUR fast-setting grouting mortar with the specified quantity of water for approx. 1 - 2 minutes in suitable pan type mixer or with stirrer (approx. 400 rpm).
The grouting must take place void-free, without interrupting work. Take care for ventilation.

AFTER-TREATMENT	Differing temperatures may influence the setting and hardening process. NEODUR fast-setting grouting mortar must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.
SUPPLY	25 kg special paper packaging
STORAGE	Dry, like cement. Shelf-life approx. 3 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR AM Super / AM Plus

per 10/2026

mineral, hydraulic setting anchor mortar
for full bond anchoring of all kinds of rock bolts

DESCRIPTION

NEODUR AM Super and AM Plus are factory-produced, ready to use, non-shrink anchor mortar for the full bond anchoring of all kinds of rock bolts.

APPLICATION

For full bond anchoring in mining and tunnel construction, for sole, sides, crown.

PROPERTIES

- non-shrink (controlled dimensional expansion)
- solid bond also overhead in vertical drill holes
- chloride-free
- easy to mix
- high initial and final strengths
- frost-resistant
- pumpable

TECHNICAL DATA

Quality	NEODUR AM Super NEODUR AM Plus	C50/60 C70/85
Grain size	all qualities	0 - 1 mm
Compressive strength [N/mm²] after 28 days	NEODUR AM Super NEODUR AM Plus	≥ 55 N/mm² ≥ 80 N/mm²
Swelling value	all qualities	> 0,1 Vol.%
Water addition	all qualities	approx. 5,0 l/25 kg
Yield	all qualities	approx. 12 l/25 kg
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C

SUB-BASE

For full bond the sub-base must be free from cracks, flat, free from loose debris, dust, cement slurry, oils and greases. Pre-wet the sub-base thoroughly, avoiding formation of puddles.

PROCESSING

Mix a complete bag NEODUR anchor mortar with the specified amount of water for approx. 3 minutes in suitable pan type mixer. The grouting must take place void-free and without interrupting work. Take care for ventilation.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process.
NEODUR AM must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR MSM 3 / MSM 5 / MSB 8

per 10/2026

mineral, microsilica-modified shotcrete mortar / concrete for dry shotcrete method

DESCRIPTION

NEODUR MSM 3, MSM 5 and MSB 8 are hydraulic setting, microsilica-modified shotcrete mortars/concretes for the dry shotcrete method in reference to DIN 18551.

- NEODUR MSM 3: grain size 0 - 3 mm
- NEODUR MSM 5: grain size 0 - 5 mm
- NEODUR MSB 8: grain size 0 - 8 mm

APPLICATION

For the production of shotcrete mortar/concrete in dry shotcrete method, for new construction and repair, e.g. for concrete repair, drinking water reservoirs, tunnel construction, special civil engineering, slope and building pit stabilization, for strengthening of existing constructions. The materials allow problem-free overhead processing, smoothing and grinding.

PROPERTIES

- microsilica-modified
- low rebound
- water impermeable
- frost and de-icer resistant
- solid bond to concrete and steel
- chloride-free
- can be trowelled and smoothed
- can be machine sprayed, also overhead

TECHNICAL DATA

Quality	all qualities	C35/45
Grain size	NEODUR MSM 3 NEODUR MSM 5 NEODUR MSB 8	0 - 3 mm 0 - 5 mm 0 - 8 mm
Colour	all qualities	cement grey
Layer thickness	all qualities	approx. 15 - 50 mm, in one layer
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C
Yield	all qualities	approx. 12 l/25 kg

PROCESSING

Sub-base
Prepare base concrete (surface bond strength ≥ 1,5 N/mm²). Clean surface from loose debris such as dust, cement slurry down to the load-bearing underground, roughen as needed. Remove loose reinforcement, replace reinforcement vibration-free, as needed. Pre-wet sub-base thoroughly until capillary saturation is achieved.

Processing
Application on the matt-damp surface acc. to DIN 18551 in dry shotcrete method.
A homogenous spray pattern, low rebound and optimal concrete quality are achieved by uniform circular movements of the spray nozzle at a distance of approx. 1 m and an angle of 90° to the wall.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR shotcrete mortar/ concrete must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 6 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR PFM 1K Easyfix

per 10/2026

ready-to-use, 1-component paving joint mortar for grouting of paving areas

DESCRIPTION

NEODUR PFM 1K Easyfix is a ready-to-use mixed one-component paving joint mortar, vacuum-packed and easy to process.

APPLICATION

For the grouting and renovation of paving areas. For light stress, only for pedestrian zones such as terraces, foot paths. For joint width from 5 mm and up and joint depth from 30 mm and up. The grouted stone surface remains nearly free of resin film.

PROPERTIES

- ready-to-use mix
- highly water permeable
- nearly free of resin film
- water resistant
- for “Do-it-yourselfer”
- vacuum-packed
- anti-slip
- no weed growth
- no cement veil
- can be processed even in drizzle

TECHNICAL DATA

Colour	natural / stone grey / basalt
Hardened mortar density	approx. 1,37 kg/dm³
Compressive strength [N/mm²]	≥ 4,0 N/mm²
Flexural strength [N/mm²]	≥ 2,2 N/mm²
Static modulus of elasticity [N/mm²]	approx. 690 N/mm²
Water permeability	3,91 10^{-3} m/s
Processing time	approx. 20 - 30 minutes
Temperature	sub-base > 8 °C processing > 10 °C
Stress/loadability	ready for foot traffic after 24 hours release of the area after 6 days

Consumption table NEODUR PFM 1K Easyfix (colour natural) in kg per m²

Example Stone size	4	6	8	10	12	14	16	18	20	30	40
4	9	8	7	5	6	6	6	6	6	5	5
6	8	7	6	5	5	5	5	5	5	4	4
8	7	6	5	5	4	4	4	4	4	3	3
10	7	5	5	4	4	4	4	3	3	3	3
20	6	5	4	3	3	3	3	2	2	2	2
30	5	4	4	3	3	2	2	2	2	2	1

Calculation basis: Joint depth Ø 30 mm / joint width Ø 5 mm. This table is a calculation aid. Due to the natural shape of paving stones, there may be deviations. The stone size length x width is given in cm.
Consumption for additional colour: stone grey approx. + 3 % / basalt approx. + 5 %. The consumption figures kg/m² - are rounded.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

PROCESSING

Sub-base
The areas to be grouted must be prepared so that no loosening in the structure or lowering of the paving may be caused by later exposure to stress. The relevant instruction sheets and regulations for the production of paving areas apply. The whole construction must be water permeable. Clean the joints at least 30 mm deep. Minimum joint width 5 mm. Before grouting, the areas must be cleaned from any kind of contamination. Adjacent areas that are not to be grouted must be separated by taping. Pre-wet the area. Absorbent areas and higher temperature of sub-base require more intensive pre-wetting.

Processing
Open lid, take out the vacuum bag, cut open the bag and pour the total contents of paving joint mortar uniformly over the surface. Work the mortar deeply and compacted into the joints, use rough street broom or rubber squeegee. In order to compact the joint filling even better, the freshly applied joint mortar can be thoroughly slurried in with water spray jet. Refill sunken joints with joint mortar. Avoid standing water in the freshly filled joints – consider a sufficient gradient. Then clean the area carefully with fine hair broom to remove all mortar residues. Move the broom diagonally to the joint. Do not re-use swept up material. Remaining mortar attachments on the stone surface can be removed after 24 hours with rough street broom.

No rain protection required when grouting in drizzle. In case of continuous or heavy rain, the freshly grouted area must be protected for approx. 24 hours. The rain protection (construction foil/tarp) must not be placed directly on the surface. During the first time after grouting, a very thin synthetic resin film may remain on the stone surface, which intensifies the colour and provides protection against contamination. This film will wear off in the course of time under exposure to weathering and abrasion.

SUPPLEMENTARY HINTS

Do not use in “permanently wet areas” (swimming pools, fountains, drainage gutters, drip edges etc.). Clean joint surface regularly from water retaining moss, leaves and weeds. Use only on water permeable substructure. The mortar may slowly dissolve under permanent water stress / standing water. Use only for outdoor areas.
Do not use solvents or solvent-containing colour intensifiers or impregnations on the paving joint mortar.

SUPPLY

25 kg plastic container

STORAGE

Frost-free and dry in original packaging. Shelf-life in closed original container approx. 12 months.

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don’t represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de



NEODUR PAVING JOINT MORTAR

durable. water permeable. non-slip.

WH
KORODUR

Paving joint mortar on synthetic resin basis

NEODUR PFM 1K Easyfix

1-component paving joint mortar, ready-to-use mix
colours: natural, stone grey, basalt

NEODUR PFM-EP

2-component EP paving joint mortar
colours: sand, grey

NEODUR PFM-PU

2-component PU paving joint mortar, UV-resistant
colours: sand, grey, basalt

Description / Application

NEODUR PFM 1K Easyfix

Ready-formulated, vacuum-packed, water permeable 1-component paving joint mortar.

For grouting and renovation of paving areas in pedestrian zones etc.
For joint width from 5 mm on and joint depth from 30 mm on.
The grouted stone surface remains nearly free from resin film.

NEODUR PFM-EP

Ready-formulated, water permeable 2-component epoxy resin mortar.

For new grouting and renovation of natural, concrete and clinker stone paving in pedestrian zones, gardening areas, walkways, inner courtyards, garage driveways and road paving.
For light and medium stress.

NEODUR PFM-PU

Ready-formulated, highly water permeable 2-component joint mortar on polyurethane resin basis.

In particular for grouting and renovation of coated, sensitive concrete slabs, concrete and natural stone paving, natural stone slabs and clinker paving, e.g. in pedestrian zones, terraces or walkways. For joint width from 5 mm on and joint depth from 30 mm on.

Technical Data

NEODUR PFM 1K Easyfix

solid mortar density	1,37 kg/dm³
flexural strength	2,2 N/mm²
compressive strength	4,0 N/mm²
static modulus of elasticity	690 N/mm²
water permeability value (joint proportion of 10 %)	3,90 • 10^{-3} m/s = 12 l/min/m²
processing time	approx. 20-30 min.
temperature of sub-base	> 8 °C
processing temperature	> 10 °C
ready for walking stress	after 24 h
release of the area	after 6 days

NEODUR PFM-EP

solid mortar density	1,60 kg/dm³
flexural strength	8,0 N/mm²
compressive strength	24,0 N/mm²
static modulus of elasticity	2.640 N/mm²
water permeability value (joint proportion of 10 %)	4,96 • 10^{-3} m/s = 15 l/min/m²
processing time	approx. 20-30 min.
temperature of sub-base	> 0° / 25 °C
ready for walking stress	after 24 h
release of the area	after 6 days

NEODUR PFM-PU

solid mortar density	1,59 kg/dm³
flexural strength	7,1 N/mm²
compressive strength	17,9 N/mm²
static modulus of elasticity	1.350 N/mm²
water permeability value (joint proportion of 10 %)	4,95 • 10^{-3} m/s = 14,9 l/min/m²
processing time	approx. 20-30 min.
temperature of sub-base	> 7 °C
ready for walking stress	after 24 h
release of the area	after 6 days

Application example NEODUR PFM 1K Easyfix – easy. safe. fast.



pour paving joint mortar on prepared, pre-wet area



spread the entire content uniformly on the area



use street broom or squeegee to brush the mortar deeply and compactly into the joints



then use fine broom to sweep off the surface in diagonal movement



to remove mortar residues

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de

Paving joint mortar on cement basis

NEODUR PFM-ZE grey

Cementitious paving joint mortar

For grouting of paving areas
in rigid construction
for medium to heavy stress.

NEODUR PFM-ZE flex

Cementitious, synthetic resin modified paving joint mortar, flexible

For grouting of paving slab areas
in rigid construction
for medium to heavy stress.

Rapid Set MORTAR MIX

Cementitious, fast-setting repair mortar

For grouting and leveling of paving areas for barrier-free access acc. to DIN 18040-3 (2014-12).

Description / Application

NEODUR PFM-ZE grey

Factory dry mortar acc. to DIN 18557 on basis of cement and natural sand (0-2 mm) with additives to improve the features of the mortar. Frost and de-icer resistant acc. to CDF.
Low chromate content acc. to TRGS 613. Non-combustible (A1) acc. to DIN 4102.

For new grouting of natural and concrete paving, pavement lines and gutters in rigid construction, construction classes IV to VI.

NEODUR PFM-ZE flex

Factory dry mortar acc. to DIN 18557 on basis of cement and natural sand (0-2 mm) with additives to improve the features of the mortar. Frost and de-icer resistant acc. to CDF.
Low chromate content acc. to TRGS 613. Non-combustible (A1) acc. to DIN 4102.

For new grouting of natural stone and concrete slabs in rigid construction, construction classes IV to VI.

Rapid Set MORTAR MIX

Mineral, fast-setting, low shrinkage, multipurpose repair mortar, suitable for all kinds of concrete repair.

Worn paving may cause major problems for cyclists, users of wheelchairs, walkers or strollers. With MORTAR MIX, paved surfaces can be renovated without having to replace them at great expense. After a few hours, the newly grouted and, as needed, milled surfaces can be re-used and are safe, anti-slip and barrier-free.

Technical Data

NEODUR PFM-ZE grey

compressive strength	> 50,0 N/mm²
flexural strength	> 7,0 N/mm²
surface bond strength	> 1,0 N/mm²
processing time	approx. 40 min.
processing temperature	5 °C / 25 °C
ready for walking stress	after 24 h
ready for light vehicle traffic	after 7 days
ready for full stress	after 14 days
frost/de-icer resistant	☑
DNV requirements	☑
mineral	☑

NEODUR PFM-ZE flex

compressive strength	> 40,0 N/mm²
flexural strength	> 7,0 N/mm²
surface bond strength	> 1,5 N/mm²
processing time	approx. 40 min.
processing temperature	5 °C / 25 °C
ready for walking stress	after 24 h
ready for light vehicle traffic	after 7 days
ready for full stress	after 14 days
frost/de-icer resistant	☑
DNV requirements	☑
mineral	☑

Rapid Set MORTAR MIX

compressive strength	
- after 60 min.	> 17 N/mm²
- after 180 min.	> 28 N/mm²
surface bond strength	> 3,5 N/mm²
processing time	approx. 20 min.
processing temperature	5 °C / 25 °C
ready for stress	after 60 min.
ready for light vehicle traffic	after 120 min.
ready for full stress	after 180 min.
frost/de-icer resistant	☑
mineral	☑
sulfate resistant	☑

Application example: NEODUR PFM-EP – water permeable. durable. high-strength.



pre-wet the prepared paving area



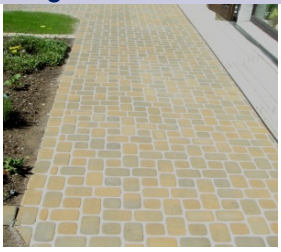
use rubber squeegee to work in the mixed mortar



use street broom to brush the mortar deeply and compactly into the joints



then use fine broom to sweep off the surface in diagonal movement

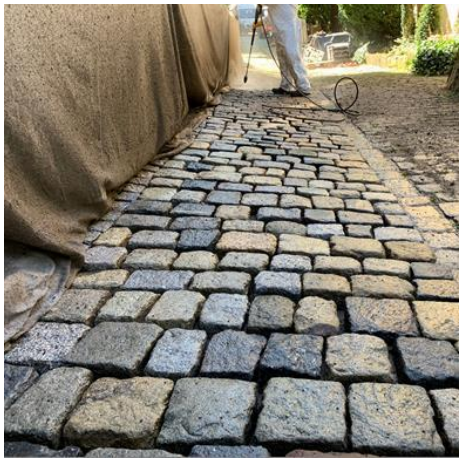


to remove mortar residues

Barrier-free paving with MORTAR MIX



cleaning of the surface with brushing machine



cleaning with high pressure water



mixing in pan type mixer



joint grouting with MORTAR MIX



joint grouting with MORTAR MIX



milling/leveling with milling equipment



cleaning



milled and cleaned surface



finished, barrier-free surface

per 10/2026

HINTS: The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.

KORODUR International GmbH
Wernher-von-Braun-Straße 4 · 92224 Amberg
Tel. +49 (0) 9621 4759-0 · info@korodur.de