

Technical data sheet

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Reference to group 3	Low-emission binding agent as construction resin in catalogue group 3: 2K EP-binding agent EA Standard and Rapid (Low emission)
Note!	The construction set combination of 2K EP-primer (construction resin) and fillers for fine spattling compound and mortar are no longer offered together. However the fillers can be ordered as single products (group 8).
Reference to group 3	New combinations of binding agents and fillers in catalogue group 3: 3K Plastistone EP-fine spattling compound EA Standard and Rapid (Low emission) 3K Plastistone EP-mortar EA Standard and Rapid (Low emission)
Page 18 – 22	2 K Plastistone® PU-Mega Flex Coloured, not UV-resistant (colour modification) - as highly elastic, crack bridging intermediate coating / „membrane“ - for interior and exterior surfaces (terraces, balconies, etc.) in system structure - as top coating on exterior surfaces an additional UV-protection must be applied.

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2 K Plastistone® EP– Metal primer		
Application areas:	→	As corrosion protection – primer respectively primer coat on metal subsurface like steel rails or galvanised steel. Shows very good adherence on aluminium and stainless steel components.
	→	Anywhere where coatings need to be processed to metal components like for example gate or door intersections, drain gutters (sink traps), cleared armouring steel or other stainless steel covers that are supposed to be reworked with coatings subsequently.
Properties:	→	EP-metal primer is based on a 2 component epoxy combination and produces a good corrosion protection on metal subsurface.
	→	Light grey material colour
	→	Appropriate for coating and rolling it up
	→	Good adhesion to metal, galvanised steel, stainless steel and aluminium.
	→	Good inter-adhesion for all subsequent superstructures with products
GISCODE:	→	RE 2 (Epoxy resin products, low solvent content)
Subsurface preparation:	→	Remove impurities like grease, oil, dust, etc.
	→	<u>Steel faces:</u> Shot-blasting; if this is not possible, then prepare by mechanical or manual rust removal.
	→	<u>Hot-dipped steel faces:</u> Clean zinc salts completely with a cleaning pad and ammoniac washing. 10L water + 0.5L (25% ammonia solution) + 2 EL wetting agent (rinsing agent). Afterwards thoroughly rinse with clear water!
	→	<u>Aluminium or stainless steel components:</u> Mechanical or manual surface wrinkling is advantageous for adhesion. As surface quality of these materials may differ very much we recommend preparing a test face, especially when there are large surfaces.
Processing:	→	Processing temperatures not below 10°C, ideal between 15°C and 25°C Empty hardener component (B) completely into resin component (A) and then mix with a suitable agitator for about 2 minutes. After a waiting time of about 15 minutes and anew mixing, the mixture is ready for use.
	→	Attention! A manual mixing of components A and B is not possible as there would not follow a sufficient curing.
	→	Apply paint-brush or roller
Product data:		Component A Component B
Viscosity at 23 °C:		90 s / DIN flow cup 4mm
Density:	1.516 kg / L	0.94 kg/ L
Solids content:	~ 66 %	
Mix ratio:	9 part by weight	1 part by weight
Mixing time:	~ 2-3 minutes	
Pre-reaction time:	~ 15 minutes	
Material consumption:	With one coating, consumption is ~ 0.15-0.20 kg/m ²	
Processing time at 20°C:	~ 4 hours (depending on temperature)	
Curing at 20°C:	Dust-dry ~ 1 h, non-adhesive ~ 6-8 h, overlaying possible after 16-24 h	
Shelf life:	12 months	
Colour:	Grey	
Cleaner for tools:	EP-thinner	
Available bundle sizes 2 K EP-metal primer, colour grey		
Item no:	Bundle content:	Bundle composition:
02 01 03 0000-Y66	1.00 kg / can	Comp. A 0.90 kg; Comp. B 0.10 kg
02 01 03 0000-Y84	5.00 kg / can	Comp. A 4.50 kg; Comp. B 0.50kg

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1 K Plastistone® Concrete decontaminator for oily subsurface

Application areas:	→	Is a combination of diverse special surfactants for environmentally conscious cleaning of oil-contaminated concrete and screed floors with depth effect.
	→	Depending on the type of contamination and the porosity of the surface, oil contaminations on concrete faces can be dissolved from several centimetres of depth.
	→	Excellently biodegradable and, according to OECD screening-test, is biodegraded within 9 days up to 99.7 %.
Properties:	→	Phosphate and solvent-free. Due to its surfactant content, classification into class 2 of substances hazardous to water.
	→	Is almost ph-neutral, not caustic, neither flammable nor explosive and does not produce toxic vapours.
	→	The detergent remaining after the cleaning process is quickly being decomposed due to its biological degradability and does not leave any perturbing substances in the concrete or the sub-soil.
GISCODE:	→	GG 0 (basic cleaner, other)
Processing:	→	1) When oil is swimming on the concrete surface, suck it in by using a wet vacuum cleaner and, if required, briefly clean with concrete decontaminator (50-100 ml per m ²) before shot-blasting (Spray on – brush - vacuum).
	→	2) Clean gross impurities and brittle components on the surface mechanically by shot-blasting and/or milling.
	→	3) Inject surfaces contaminated with oil with concrete decontaminator (~ 200 ml.-250 ml. per m ²) until the complete surface is wetted. Slightly wet the surface with water on strongly priming concretes so that there is enough humidity on the surface. Then slightly brush the applied concrete decontaminator foamy for inserting the active component into the capillaries.
	→	4) After a waiting time of about 10 to 30 min., brush the surface foamy with clear water and then collect the oil-foam mixture with a wet vacuum cleaner.
	→	5) If the concrete is strongly contaminated with oil, steps 3 and 4 must be repeated until there is no more oil leaking out on the surface.
	→	6) As last step, brush the surface foamy with clear water one more time and collect with wet vacuum cleaner. (there should not remain any pools of water)
	→	7) EP-barrier coat needs to be applied as long as the concrete surface is still wet without any temporal gap; if the temporal gap is too long, oil might leak again on the surface. In this case, work steps 3 and 4 need to be repeated.
Material consumption	→	According to the density and structure of the surface and to the absorbed quantity of toxic elements, 0.200 up to 0.250 litres / m ² per work step are to be assumed.
Product data:	Concrete – decontaminator:	
Viscosity at 23 °C:	~ 50 mPas	
Density:	0.999 kg / l	
pH – value	8.0 – 8.5	
Shelf life:	> 12 months	
Colour:	Colourless to yellowish	
Cleaner for tools:	Water	
Available bundle sizes 1 K Plastistone concrete decontaminator		
Art.-no:	Bundle content:	Name:
02 01 20 0000-W06	2.00 L bottle	Concrete decontaminator
02 01 20 0000-000	10.00 L jerrycan	Concrete decontaminator

Page 1 of 1 Technical data sheet date 01.06.2011 **Alterations since the last edition!!**

1 K Plastistone® Adhesive agent

Application areas:	→ Adhesive agent on non-absorptive substrates like tiles, old coatings etc. → Surface cleaner for grease or silicone staining → As primary cleaning before pasting self-adhesive copper strips	
Properties:	→ Solvent-based adhesive agent based on silane → After curing of ~ 15-30 min. the solvent parts have completely evaporated. On the surface itself remains an invisible dry silane film that acts as adhesive agent. → Amelioration of adhesion on non-absorptive substrates → Amelioration of the sealings/coatings' wetting that shall be applied on surfaces with high surface tension (very dense substrates). → Due to the high solvent percentage, a multitude of grease staining is removed from the surface.	
Substrate preparation:	→ <u>Tile surfaces that are coated with 1K PU-Super Flex:</u> Abrade glazed tiles with a fine abrasion pad. As alternative you can clean with Plastistone basic cleaner and coarse cleaning pad. In this case, the surface must dry completely. Afterwards the adhesive agent is applied. <u>Revision of old coatings:</u> Old coatings that are to be revised colourless, need to be treated as above (tile surface). → Old coatings that are to be revised coloured, e.g. 1-2 mm coatings, should be prepared by shot-blasting or diamond milling. Attention! Adhesive agent does not remove oil residues or grease that have penetrated porous substrates (like concrete or screed). →	
Processing:	→ As adhesive agent, apply with a cloth onto the surface. After a curing time of ~ 15-30 minutes, the surface can be coated. → On utilisation as cleaner, repeat the operation cycles according to the degree of staining.	
Product data:		
Viscosity at 23 °C:	~ 10-50 mPas	
Solids content:	~ 5 %	
Mixing time:	Shaking up the bottle	
Density (mix):	~ 0.9 kg / l	
Material consumption:	~ 30 gr./m ²	
Curing time at 20°C:	~ 15-30 min.	
Shelf life:	24 months minimum	
Colour:	colourless	
Available bundle sizes 1 K adhesive agent		
Art.-no:	Content:	Labelling:
02 10 09 0000-D16	1.00 kg	1 K Adhesive agent
		

2 K Plastistone® EP–Repair mortar	
Application areas:	<ul style="list-style-type: none"> → For warehouses, production halls, basement garages etc, on concrete and screed surfaces → As 2 K epoxy resin levelling mortar with slight flow characteristic. → From layer thicknesses of > 1mm, can be used inside and outside. → As repair mortar without layer thickness restrictions. → Due to its slight flow characteristics, the repair mortar is very well suitable for sealing and closing cavities in concrete and screed floors where casings, drain gutters, rail supports or the like have been installed subsequently. → As repair mortar for damages and disruptions on screed and concrete floors. → Chargeable with vehicles like cars, pallet trucks and forklifts → As repair mortar for disrupted concrete and screed joints. → Please mind the general advice in catalogue group 1.
Properties:	<ul style="list-style-type: none"> → Due to the high portion of epoxy resin binder, the repair mortar can be applied onto the cleaned subsurface without primer. → The repair mortar is dyed grey so that repairs are noticed as few as possible. → Very high compression strength! → Liquid-tight and high chemical resistance! → Solvent- and shrinkage free! → Processable from a substrate temperature of 5°C! → Cured after 6-8 hours (slightly chargeable) and fully chargeable after 12-14 hours at 20°C
GISCODE:	→ RE 1 (epoxy resin products, solvent-free)
CE Norm:	→ As per DIN EN13813: CE-label: EN 13813 SR-B3,8
Resistance:	→ See catalogue group 1 chemical resistance of coating surfaces
Subsurface preparation:	<ul style="list-style-type: none"> → See catalogue group1 General requirements to subsurface → The surface must be clean, dry and sustainable. Oils, fats, old paintings, cement slurries or other contaminations must be removed. → Clean large surface disruptions with a steel brush or the like and vacuum very well. → Another way of cleaning exterior surfaces is a high-pressure washer with dirt mill. The repair surface must be dried completely before applying the repair mortar.
Processing:	<ul style="list-style-type: none"> → Discharge hardener component (B) completely into resin component (A) and mix with a suitable agitator for about 2 minutes. Then change into another mixing pail and stir another minute. → Attention! When the material is not being repot and mixed again, there may be curing disturbances and thus a resulting loss of hardness. → For lengthening pot life, it is recommended to broadcast the mixed material on the surface immediately as it strays longer processible this way. → If the mixed material stays in the pail, you have to anticipate a considerable shortening of the processing time. → For mixing, you should use a powerful agitator with a snail stir coil. → When processing with the trowel, this one should slightly be wetted with EP-thinner. → Generally you should wear impermeable gloves for processing!
Material consumption:	→ ~ 2.0 kg/m ² per 1 mm layer thickness (2.0 kg per 1 litre)
Available Can Size	
Art.-Nr.-:	Dosage:
02 05 01 0000-Y44	Komp:A: 7.00 kg, Komp.B: 0.42kg

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2 K Plastistone® EP–Repair mortar		
Product data of 2 K Plastistone EP- repair mortar:	Component A:	Component B:
Viscosity at 23 °C:	viscous	~ 200 mPas
Solids content:	100 %	
Mix ratio PBW:	100 PBW	Mix ratio PBW:
Mix ratio PBV:	50 PBV	Mix ratio PBV:
Density of single components:	2.11 kg / L	Density of single components:
Density (mixture):	2.04 kg / L	
Colour:	grey	
Mixing time:	3-4 min.	
Pot life at 20°C:	~ 20-30 min. Attention! Larger preparations or higher temperatures shorten pot life (processing time)	
Curing time at 20°C:	Cured after 4-6 hours (slightly chargeable) and fully chargeable after 12-14hours at 20°C Final curing after 2 days Attention! Curing times are strongly influenced by subsurface and surrounding temperature. After a curing time (at 20°C) of 48 hours, overlaying without grinding (alkaline basic cleaning) is no longer possible. (sanded subsurface are an exception)	
Shelf life:	~ 6 months, dry at 15-25°C	
Cleaning of tools:	EP-thinner (if no initial curing has taken place)	
Mechanical properties:		
Shore D hardness DIN 53505:	> 85 Shore D	
Adhesive tensile strength DIN EN 1542:	> 3.00 N/mm ²	
Bending tensile strength DIN EN 196-1:	> 40 N/mm ²	
Compressive strength DIN EN 196-1:	> 70 N/mm ²	
Abrasion Resistance DIN EN 5470-1:	Ca. 1240 mg/H22/1 000 g	
Impact Resistance DIN ISO 6272-1	>20 Nm	

2 K EP-Mortar

CE Certification DIN EN 1504-2:


02 05 01 0000
 EN 1504-2:2004
 Surface protection product – coating
 EN 1504-2: ZA.1f, ZA.1g

Abrasion Resistance	Weight < 3000 mg
Capillary water absorption and water permeability	$w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$
Resistance to strong chemical attack	loss of hardness < 50%
Impact Resistance	Class III
Tear-off test to assess the adhesion	$\geq 2,0 (1,5)^{1)} \text{ N/mm}^2$
Fire Resistance	Class E _{f1} ²⁾

Pursuant to Commission Decision 2010/85 / EU of 09/02/2010, the product meets Fire Class E without any need for testing.

CE Kennzeichnung DIN EN 13813:


02 05 01 0000
 EN 13813:2002
 Resin screed / synthetic resin coating for indoor use
 EN 13813: SR - AR1 - B2,0 - IR20 - E_{f1}

Fire Resistance	E _{f1} ^{a)}
Release of corrosive substances	SR
Wear resistance	≤AR1
Adhesive tensile strength	≥B2,0
Impact resistance	≥IR20

a) Pursuant to Commission Decision 2010/85 / EU of 09/02/2010, the product meets Fire Class E without any need for testing..

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2 K Plastistone® EP-barrier coat EA		
Application areas:	→ → → → → → → → →	As solvent-free EP-barrier coat / primer on concrete, screed, tiles (not on magnesite floors). As undercoat or primer coat for all EP-self-levelling coatings. As levelling compound (without or with additional fillers). For reconstruction of cracks together with screed cramps Due to its higher viscosity in comparison to a normal primer, the EP-barrier coat can be applied as primer and levelling compound (levelling layer) at the same time. A special primer for oily, mineral subsoil that have been cleaned with concrete decontaminator before. As barrier coat against ascending humidity under coating systems but also under all moisture-sensitive top coatings like e.g. PVC; parquet; tiles etc. (residual moisture in subsoil 5 % max and no oppressive humidity) Seals capillaries and pores on cementitious subsoil and can be overlain with EP- and PU-coating systems. Please mind the general advice in catalogue group 1.
Properties:	→ → →	Solvent-free / Benzyl alcohol / nonylphenol Processing on oily but cleaned concrete subsoil. Excels in excellent wetting and adhesion properties on damp concrete/screed subsoil and minimizes the risk of osmotic blistering.
Subsurface preparation:	→	<u>On clean uncharged subsoil:</u> See catalogue group 1 General requirements to subsurface
Subsurface preparation:	→ → → → →	<u>On oily subsoil:</u> Abrading oily, fatty dirt crusts. Remove unstable or roughen plane concrete/screed surfaces. By shot-blasting, grinding or high-pressure water jets (> 600 bar). Clean the surface several times, according to oiling, with concrete decontaminator as per technical data sheet. Repeat the cleaning procedure until the subsoil's surface is free from oil and grease and clean. Vacuum the subsoil particularly thoroughly after the last cleaning cycle. Immediately after the last cleaning cycle, apply the 2 comp. EP-barrier coat onto the subsoil that should have a pale-damp look. A new cleaning cycle becomes absolutely necessary if the EP-barrier coat cannot be applied within 1 hour after the last cleaning cycle.
Mixing the EP-barrier coat	→ →	Completely empty hardening component (B) into the resin component (A) and then blend with a suitable agitator for ~ 2 min. Then repot and blend for another minute. Attention! A manual blending of component A and B is not possible as a sufficient curing would not take place.
Material consumption	→ → →	As barrier coat: Two operation cycles as per subsoil ~ 0.50 kg/m ² As primer: 1 operation cycle as per subsoil ~ 0.40 – 0.50 kg / m ² As primer – levelling compound: apply with trowel ~ 0.5 – 1.5 kg /m ² (dependent on surface's roughness)
2 K EP -Barrier Layer Dosage		
Art.-Nr.-	Package:	
02 02 31 0000-Y77	9,0kg	Komp.A: 7.90. kg, Komp.B: 1.10 kg in 2K Canister
02 02 31 0000-Y78	18,0kg	Komp.A: 15.80 kg, Komp.B: 2.20 kg in 2K Canister
02 02 31 0000-Y79	36,0kg	Komp.A: 31.60 kg, Komp.B: 4.40 kg

2 K Plastistone® EP–barrier coat EA

Processing:	<ul style="list-style-type: none"> → <u>As single-layer primer/primer coat (without oilings):</u> → With rubber squeegee: ~ 400 g/m² - 500 g/m² or scraper spatula toothing no. 10 → Generally, it is recommended to immediately broadcast the prepared material on the surface, as this way, it stays workable for a longer time. → Re-roll after about 20 min. Without additional material, this ensures a complete impregnation of the subsurface. → If there is no closed surface after the first priming, an additional primer coat must follow within 48 h. → Subsequent coatings should be installed within 48 h for ensuring a sufficient intermediate adhesion. → If subsequent coating follows after 48 h, the fresh primer should be slightly interspersed with quartz sand - size 0.3 – 0.9 or 0.7-1.2 mm (~0.30-0.50 kg/m²). → Again mind that rich sanding or even sanding to excess may cause increased bubble formation on subsequent layers.
Processing:	<ul style="list-style-type: none"> → <u>As double-laver barrier coat:</u> → With rubber squeegee (or toothing no.10) in 2 operation cycles at 500g/m². → Generally, it is recommended to immediately broadcast the prepared material on the surface, as this way, it stays workable for a longer time. → Apply the mixed material with a rubber squeegee or trowel (consumption min.0.5 kg/m²) and re-roll after a waiting period of ~ 20 min. with a paint roller without using any additional material. → (Should there be a lubricating film on the surface after curing, like residual oil, it must be removed with acetone or the like.) → The second layer is to be broadcast when still fresh with quartz sand - size 0.3 – 0.9mm or 0.70 – 1.20 mm about 0.30-0.50 kg/m². → Attention! The first layer must not be broadcast!! → Moreover we point to the fact that a barrier coat can only fulfil its property if it has been installed in two work steps with sufficient intermediate curing and if material consumption has been adhered to. → On a single-layer installation, existing air ducts would possibly let humidity pass! → Also ensure a thorough subsurface preparation as a primer only partly adherent would chip off on humidity impact. Thus a slight abrasion is insufficient as this does not produce an absorptive subsurface.
Subsequent coatings:	<ul style="list-style-type: none"> → If subsequent layers (no synthetic coatings) are being installed in compound, the second primer layer must be scattered throughout to excess (~ 3 kg/m²). → Remove loose remains of quartz sand after curing by brush-cleaning or slight grinding. Then clean the surface with an industrial vacuum cleaner. → You can proceed with any spattling compound after a curing time of 24 hours minimum.

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2 K Plastistone® EP-barrier coat EA

We explicitly point out that the following technical values can only be achieved by using components like binding agents and fillers. Plasti-Chemie International GmbH is not liable for the application of external products as technical properties may strongly deviate then.

Product data EP – barrier coat:	Component A:	Component B:
Viscosity at 23 °C:	~ 8250 mPas	~ 220 mPas
Solids content:	100 %	
Mixture viscosity at 23°C	~1700 mPas	
Mix ratio PBW:	Comp.A 100 PBW	Comp.B 14 PBW
Mixing time:	2 - 3 min. (repotting of A+B is necessary)	
Density (mixture):	~ 2.0 kg / l	
Pot life at 20°C:	45 min. / 300 gr preparation Attention! Large preparations or higher temperatures shorten pot life (processing time)	
Curing time at 20°C:	Can be overlain after 12 h, loadable after 24 h, 7 days for final curing. Attention! Curing times are strongly influenced by subsurface and surrounding temperature. After a curing time (at 20°C) of 48h, lamination without abrading (alkaline basic cleaning) is no longer possible. (Broadcast subsoil are an exception)	
Processing temperatures:	8°C to 30°C (ideal between 15-25°C)	
Shelf life:	12 months, not below 10°C, preferably room temperature	
Colour:	white/grey	
Cleaning of tools:	EP-thinner (if no initial curing has taken place)	
EU-regulation 2004/42 (VOC) (Decopaint-directive):	VOC product category: 2 component special lacquers Permitted maximum VOC limit (level II 2010): 500 g/l maximum VOC level of 2K EP-barrier coat is < 500 g/l	
GISCODE:	RE 1 (epoxy resin products, solvent-free)	
CE Norm:	Acc. to DIN EN13813: CE-label: EN 13813 SR-B3,1- B _{fl} -s1	
Backward humidity penetration:	Acc. to DIN EN 13578 Test report no. P 6257-2 of Polymer Institute Flörsheim	
Testing as per AgBB – pattern:	As per DIN EN 16000-09/11 Test report no. IAL-10-0529 of WESSLING GmbH	
Fire behaviour:	Material research laboratory (MPA), Stuttgart	
Acc. to DIN 4102 (D - Norm):	Test report no. 901 2110 00-2 / fire class: DIN4102-B1	
Acc. to DIN EN 13501-1 (EU - Norm)	Classification report no. 901 2110-80/2 / fire class: B _{fl} -s1	
Mechanical properties:	Test report no. P 3835-8 of Polymer Institute Flörsheim	
Shore D hardness DIN 53505:	~ 81 Shore D	
Adhesive tensile strength DIN EN 1542:	~ 3.10 N/mm ² 100% crack in concrete	
Bending tensile strength DIN EN 196-1:	~ 28.5 N/mm ²	
Bending tensile str. DIN EN ISO 178:	~ 34.1 N/mm ²	
Compression strength DIN EN 196-1:	~ 68.2 N/mm ²	
Compression strength DIN EN ISO 604:	~ 56.8 N/mm ²	
Impact Resistance DIN ISO 6272-1:	≥ 20 Nm*	

CE Certification *DIN EN 13813:*



02 02 31 0000
EN 13813:2002

Resin screed / synthetic resin coating for indoor use
EN 13813: SR - AR1 - B2,0 - IR20 - Bfl

Release of corrosive substances	SR
Wear Resistance	≤ AR1
Adhesive tensile strength	≥ B2,0
Impact Resistance	≥ IR20
Fire Resistance	Bfl

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2 K Plastistone® EP-primer (construction resin)		
Product description:	→	2K EP-primer (construction resin) is a solvent-free, unfilled, non-pigmented 2 component epoxy resin binding agent with low viscosity.
	→	This EP-binding agent contains benzyl alcohol but is free of nonyl phenol (you find a benzyl alcohol-free and low-emission version in catalogue group 3 as 2K EP-binding agent EA Standard).
Application areas:	→	Application areas are on mineral concrete and screed substrates in industrial and production halles, storage rooms etc.
	→	As 2K epoxy resin primer coat on concrete, screed, tarmac, tiles.
	→	As undercoat or primer coat for all Plastistone coatings and spattling compounds.
	→	Exempted is the full surface primer under EP-DF systems as the 2K EP-binding agent EA is not capable of vapour diffusion.
	→	2K EP-primer is vapour-diffusion-tight and thus only to be used on substrates with a maximum residual moisture of 3%.
	→	For reconstruction of cracks together with screed cramps
	→	Due to the low viscosity of EP-primer, also suitable as injection resin on floors (casting method).
	→	As binding agent for producing 3K EP-mortar (synthetic resin screeds, repair mortar)
	→	As binding agent for producing cove sockets
	→	As fine spattling compound / levelling compound (plus fillers)
	→	2K EP-primer tends to yellowing – thus not suitable as colourless coat.
Properties:	→	2K EP-primer can be processed at temperatures > 10°C to 30°C maximum
	→	GISCODE: RE 1 (Epoxy resin products, solvent-free, sensitising)
	→	Tested on rearward moisture penetration
	→	Tested fire classes B1 / Bfl-s1
	→	Due to the darker base colour of component B, the system is not recommended as colourless topcoat.
Available bundle sizes 2 K Plastistone EP-primer (construction resin)		
Art.-no:	Bundle content:	Bundle composition:
02 02 10 0000-Y20	1.0 kg	Comp.A: 0.66 kg; Comp.B: 0.34 kg im 2 K Gebinde
02 02 10 0000-Y21	2.5 kg	Comp.A: 1.66 kg; Comp.B: 0.84 kg im 2 K Gebinde
02 02 10 0000-Y22	5.0 kg	Comp.A: 3.33 kg; Comp.B: 1.67 kg im 2 K Gebinde
02 02 10 0000-Y23	12.0 kg	Comp.A: 8.00 kg; Comp.B: 4.00 kg im 2 K Gebinde
02 02 10 0000-Y24	24.0 kg	Comp.A: 16.00 kg; Comp.B: 8.00 kg
02 02 10 0000-Y25	84.0 kg	Comp.A: 2 x 28 kg in 30 litre hobbock Comp.B: 1 x 28 kg in 30 litre hobbock
02 02 10 0000-Y26	165.0 kg	Comp.A: 2 x 55 kg in 60 litre small barrel Comp.B: 1 x 55 kg in 60 litre small barrel
02 02 10 0000-Y27	630.0 kg	Comp.A: 2 x 210 kg in 210 litre barrel Comp.B: 1 x 210 kg in 210 litre barrel
02 02 10 0000-Y28	3000.0 kg	Comp.A: 2 x 1000 kg in 1000 litre single-use IBC Container Comp.B: 1 x 1000 kg in 1000 litre single-use IBC Container

2 K Plastistone® EP- primer (construction resin)	
Substrate quality:	<ul style="list-style-type: none"> → Concrete: minimum C20/25 (B 25), screed: minimum CT 35 (ZE 30), Age 28 days minimum → Adhesive tensile strength: 1.5 N/mm² minimum → Residual moisture: < 3% at each point measured according to CM-method. → See catalogue group 1: General advice
Substrate preparation:	<ul style="list-style-type: none"> → The surface must be clean, dry and sustainable. → A sufficient absorptivity of the substrate is prerequisite for adhesion. → The substrate must be freed from oils, grease, old paints, cement slurries and other soiling by grinding, shot-blasting or milling. → Attention! On very hard and dense surfaces (good to see by their greasy shiny surface) assure a sufficient substrate preparation. Suitable methods are: cross-wise shot-blasting or intense grinding with a grinding machine with diamond blade (grinding paper is not suitable). Coarse or badly grinded surfaces prevent the primer's penetration. → If old Plastistone coatings need to be revised, you should grind before or make an alkaline cleaning with disc machine with cleaning or grinding pad. → In addition, apply 2K EP-primer with 5 - 10% EP-thinner or as primer with paint roller. → See catalogue group 1 General requirements to subsurface
Processing conditions:	<ul style="list-style-type: none"> → Air and substrate temperature 10°C minimum, 30°C maximum → Best results are being achieved between 15°C – 25°C! → Relative air moisture: 80% maximum, do not process during dew point conditions. → Humidity effects during curing may cause blooming! → See catalogue group 1: environmental conditions
Processing primer:	<p><u>As 2K EP-primer / primer coat:</u></p> <ul style="list-style-type: none"> → Completely discharge component B into component A and mix for ~ 2 minutes. → Change the material into a larger pail and mix for another minute. → Generally it is recommended to immediately distribute the mixed material onto the surface as it stays longer processible this way. → Processing with a moss rubber squeegee (Hint!! Roughen the rear side with coarse grinding paper – the material will stay better on the surface) or apply with spatula no.10 and re-roll after about 20 minutes without additional material. Ensures a complete impregnation of the substrate that often replaces an additional levelling compound. → If there does not form a closed surface on the first priming, an additional primer coat must follow within 48 hours. → Subsequent coatings must be applied within 48 hours in order to ensure a sufficient intermediate adhesion. → If revision only follows after 48 hours, slightly broadcast the fresh primer coat with quartz sand – size 0.1 – 0.4 or 0.3 – 0.9 mm (~ 0.30-0.50 kg/m²). → Here you have to mind that ample sanding or broadcasting to excess may cause increased air bubbles in subsequent coating layers.

2 K Plastistone® EP- primer (construction resin)	
Processing crack-joint reconstruction:	<p><u>As crack and dummy joint reconstruction:</u></p> <ul style="list-style-type: none"> → Cracks and dummy joints must be broadened with a flex disc and transverse cuts must be executed every 20 cm. → Then clean the expansions with an industrial vacuum cleaner, insert the creed clamps and cast with 2K EP-primer force-fitly. → Attention! Mind not to use prefilled products for casting as a sufficient penetration depth of 2K EP-primer cannot be ensured by that. → If 2K EP-primer subsides in the joints, repour sufficient material fresh-in-fresh within 30 minutes. → If necessary and depending on re-coating periods, the coated joints must be broadcast fresh-in-fresh with quartz sand 0.3 – 0.8mm or 0.7 – 1.2mm on the full surface. → If – after curing – the 2K EP-primer has sank in the joints, you should level them out with EP-binding agent EA and suspending agent. → Depending on which coating structure follows, the levelled out joints must be grinded after curing.
Mixing of Comp. A + B:	<p><u>Hints from parctice to mixing!!!</u></p> <ul style="list-style-type: none"> → On adding Comp.B (hardener), work with low rotating speed as it is very thin. After first intermixing, speed can be increased. → Attention! A manual blending of component A and B is not possible as a sufficient curing would not take place.
Processing fine spatting compound:	<p><u>As 3K EP-fine spatting compound EA (levelling compound):</u></p> <ul style="list-style-type: none"> → Completely discharge component B into the component A and then mix with a suitable agitator for ~ 2 min. Then change the binding agent mixture into a larger pail and slowly add the filler with the agitator slowly running, mix for ~ 1 minute. Filler quantity corresponds to the required texture of 3K EP-fine spatting compound EA. → As the flowability of the 3K EP- fine spatting compound EA depends on temperature, the binding agent can be filled higher with high temperatures and lower with lower temperatures. → For the 3K EP- fine spatting compound EA we recommend, in order to prolong pot life, to immediately distribute the mixed material on the surface as it stays longer processible this way. → Apply with a trowel or smoothing trowel as levelling compound. → After curing, we recommend grinding and vacuuming the surface. In doing so, spatula craters are being ground down. In ungrounded state, these could show on the surface of the following layer!
Processing mortar:	<p><u>As 3K EP-mortar EA:</u></p> <ul style="list-style-type: none"> → Completely discharge component B into the component A and then mix with a suitable agitator for ~ 2 min. → Preparation of the binding agent can happen in the shipment bundle or – according to bundle size – with a power drill with small mixing coil (~ 80 mm Ø). → Put the mortar filler into a suitable mixing pail and then add the resin-hardener mix (A+B) and mix with a compulsory mixer for about 2to 3 minutes. Then change into another mixing pail and mix for another minute. → Put down the prepared mortar onto the surface that has been primed with 2K EP-primer (wet-in-wet method) and compact and plane. → On layer thicknesses of > 2 cm, make sure to compact in between!

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2 K Plastistone® EP- primer (construction resin)

We explicitly point out that the following technical values can only be achieved by using Plastistone fillers and tools. Indicated consumption data may deviate due to local conditions (temperatures, surface structure, etc.) Plasti-Chemie International GmbH is not liable for the application of external products as technical properties may strongly deviate then.

Suggested formulations and consumption for primer / fine spattling compound / mortar

	Primer	Fine spattling compound	Mortar
Work steps, as per substrate:	1 - 2 x	1 x	1 x
Tools for application:	Rubber squeegee / Paint roller	Trowel / Smoothing trowel	Trowel / Smoothing trowel
Material requirement per m ² Comp. A+B:	0.30 – 0.50 kg	0.60 kg	2.00 kg
Material requirement per m ² Filler fine spattling comp.:	---	1.20 kg	---
Material requirement per m ² Filler Mortar:	---	---	20.00 kg
Material requirement per m ² Comp. A+B: (with aggregates):	---	1.80 kg per 1 mm	22.00 kg per 10 mm
Density of the mix:	1.08 kg/l	1.80 kg/l	2.20 kg/l

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2 K Plastistone® EP- primer (construction resin)

The following technical values have been achieved with Plastistone primer comp. A+B.
 With addition of fillers, mechanical values are being altered. For this you can refer to values in group 3 3K EP-mortar EA and 3K EP-fine spattling compound EA. Plasti-Chemie International GmbH is not liable for the application of external products as technical properties may strongly deviate then.

Product data:	Component A:	Component B:
Viscosity at 23 °C:	~ 1100 mPas	~ 150 mPas
Mix ratio PBW:	100 PBW	50 PBW
Mix ratio PBV:	89.3 PBV	50 PBV
Density at 20°C:	1.12 kg/l	1.00 kg/l
Density of mixture at 20°C:	1.08 kg/l	
Mixing viscosity at 23°C :	~ 400 - 500 mPas	
Solids content:	~ 100%	
Pot life at 20°C:	~ 40 minutes / 300 g preparation	
Pot life / Processing times!	Large preparations or higher temperatures shorten pot life (processing time)	
Mixing time:	2 minutes, depending on bundle size, repot and mix another minute.	
Processing time at 20°C:	<p style="text-align: center;">Processing times are not only influenced by surrounding and substrate temperatures, but also by processing technique. Thus we give you the following processing hints:</p> <ul style="list-style-type: none"> - Store the material at 15 - 25°C 24 hours prior to processing! (warm material shortens the processing time!) - Mixing times should be adhered to, but excessive mixing heathens up the material and shortens processing time! - Is the relation between preparation size and surface ideal? - Is immediate discharging of the prepared mixture possible? - Discharging should always happen in tracks, not on one single spot. - Can sockets, bords, etc be painted with a smaller preparation beforehand in order to avoid that the main preparation stays in the mixing pail for too long? 	
Curing time at 20°C:	~ 8 hours dust-dry ~ 16 hours can be overlain ~ 24 hours slightly chargeable < 500 kg ~ 48 hours accessible < 2000 kg ~ 72 hours accessible > 2000 kg	
	- fully chemically and mecanically chargeable after ~ 7 days	
	- after a curing time of >48 h the surface must be grinded and cleaned alcaline before a further revision! (but only if it has not been broadcast)	
Attention! Curing times:	are strongly influenced by substrate and surrounding temperature.	
Shelf life:	~ 12 months at 15°C to 25°C storage temperature	
Colour:	Comp.A: nearly colourless, Comp.B: amber-like	
Cleaner for tools:	EP-thinner (if no initial curing has taken place)	

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2 K Plastistone® EP- primer (construction resin)	
<p>The following technical values have been achieved with Plastistone primer comp. A+B. With addition of fillers, mechanical values are being altered. For this you can refer to values in group 3 3K EP-mortar EA and 3K EP-fine spatting compound EA. Plasti-Chemie International GmbH is not liable for the application of external products as technical properties may strongly deviate then.</p>	
Testing and properties of the cured coating system	
EU-regulation 2004/42 (VOC) (Decopaint- regulation):	VOC Product category: 2 component special lacquers Permitted maximum VOC limit value (level II 2010): 500 g/l maximum VOC content of 2K EP-primer is < 5 g/l
GISBAU = hazardous substances - Information	GISCODE: RE 1 (epoxy resin products, solvent-free, sensitising)
Surface protection system as per OS 8:	System component as per DIN EN 1504-2 Test report no. P 6257 of Kiwa Polymer Institute Flörsheim
Rearward humidity penetration:	As per DIN EN 13578 Test report no. P 6257-1 of Polymer Institute Flörsheim (Material name in test report 2K EP-primer (construction resin))
Fire behaviour:	Material research laboratory (MPA), Stuttgart (Material name in test report 2K EP-primer (construction resin))
As per DIN 4102 (D - Norm):	Test report no. 901 2110 00-1 / Fire class: DIN4102-B1
As per DIN EN 13501-1 (EU - Norm)	Classification report no. 901 2110-80/1 / Fire class: B _n -s1
Resistance:	See catalogue group 1 Chemical resistance of Plastistone coating surfaces
CE-labeling as per DIN EN13813:	EN 13813 SR-B3,5-B _n -s1
Testing as per AgBB – scheme	Not tested!
Mechanical properties:	Test report no. P 3835-1 of Polymer Institute Flörsheim
Shore D hardness DIN 53505:	~ 85 Shore D
Adhesive tensile strength DIN EN 1542:	~ 3.5 N/mm ² 100% crack in concrete
Bending tensile strength DIN EN 196-1:	~ 96 N/mm ²
Bending tensile strength DIN EN ISO 178:	~ 57 N/mm ²
Compression strength DIN EN 196-1:	~ 72 N/mm ²
Compression strength DIN EN ISO 604:	~ 52 N/mm ²

CE Certification *DIN EN 13813*:



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EN 13813:2002

Resin screed / synthetic resin coating for indoor use
EN 13813: SR - AR1 - B2,0 – IR8 - Bfl

Release of corrosive substances	SR
Wear Resistance	≤ AR1
Adhesive tensile strength	≥ B2,0
Impact Resistance	≥ IR8
Fire Resistance	Bfl

2 K Plastistone® PU–Mega Flex (membrane layer)

Application areas:	<ul style="list-style-type: none"> → On suitable floor surfaces like concrete and screed (residual moisture 3 to 5%), but also on tarmac floors that have been primed with epoxy resin → By adding Plastistone suspending agent to the connection areas wall/floor in combination with grid mats. → Due to its highly elastic properties, very well suitable as crack bridging intermediate layer for surfaces like balconies, terraces, access balconies in exterior zones. → Main application areas in interior zones are in wet areas below tiles as floating layer or as intermediate layer in the Plastistone system structure (observe the structure description) → Can also be used as coating in the system structure, mind the structure directives (last page). → On coatable dry construction floors (no wooden floors), e.g. to minimize the risk of cracking on movable hems of dry construction plates. → As waterproofing, Mega Flex is generally applied in 2 layers for achieving the required waterproofing. The first layer is applied with ~ 1.40 kg/m² (toothing no. 20) without sanding and the second layer follows after curing within 24h with 0.8 kg/m² (toothing no. 10). → With a subsequent tile coating, the second layer is being broadcast on the entire surface when still fresh with quartz sand, size 0.3-0.8 mm. → With a subsequent tile bonding, the second layer Mega Flex must be relieved from excess or only slightly adherent quartz sand after curing – the best tool is a steel broom. The tile adhesive must be waterfree thermosetting resin glue! → Please mind the general advice in catalogue group 1!
Properties:	<ul style="list-style-type: none"> → 2 component polyurethane resin solvent-free → Highly elastic and waterproofing effect from a layer thickness of 1 mm (1.40 kg/m²), the rule is to work in two layers. → Processing temperatures min. 10°C to 30°C max (Object/ ambience temperature) → Material temperature during processing between 15°C-25°C → Self-levelling from a layer thickness of 1.0 mm at 20°C → Discolourations may appear on UV-strain → Not saponification stable, thus only to be used as intermediate layer → Due to arising alkalinity, cementitious substrates must be blocked with 2K EP-binding agent EA on a residual moisture <3% and on a residual moisture <5% with the 2K EP-barrier coat EA in two separate operation cycles. → 2K PU-Mega Flex is relatively thin, (strongly influenced by temperatures), thus you should add 1-2% suspending agent F (1kg bundles) according to the floor incline or when applied on vertical surfaces. → Attention! On additional filling (with Easy Floor filler) or broadcasting of the first 2K PU Mega Flex layer, elasticity is being influenced! Thus there is always a second layer that is being broadcast.
Resistance:	<ul style="list-style-type: none"> → Chemical resistance is limited for highly elastic PU- materials and is mainly achieved by choosing the proper subsequent cover layer. → Mechanical resistance complies with the following structure. E.g. you get an accessible (and UV-resistant) surface for balconies, terraces or access balconies by broadcasting 2K PU-Mega Flex to excess on the entire surface with Plastistone colour chips and then painting with colourless 1K PU-Super Flex (in exterior zones). If you broadcast the 2K Mega Flex coating with quartz sand / granite and seal it afterwards, the surface can even be accessed by vehicles.

2 K Plastistone® PU–Mega Flex (membrane layer)	
Substrate preparation:	<ul style="list-style-type: none"> → The surface must be clean, dry and stable. Oils, grease, old paints, cement slurries and other impurities must be removed by grinding, shot-blasting or milling. → Tiles must be roughened mechanically. → As Mega Flex is absolutely to be protected against arising alkalinity, the surface must be treated sufficiently as primer or barrier coat (2x min.) with EP-binding agent EA or EP-barrier coat EA. Pay attention to the corresponding technical data sheets. → Tarmac surfaces can be coated with EP-binding agent EA in on operation step. Existing cracks, joints, disruptions or the like must be completed appropriately before applying the primer/coating. → 2-layer priming: After the first layer has cured (~ 0.5 kg/m² with rubber squeegee and rolling) a second operation step is effected as before. → Alternatively, a levelling compound can effected on the primer (2K EP-binding agent EA) with EP-fine spatula or on the EP-barrier coat with EP-barrier coat. The second ayer must be broadcast when still fresh with ~ 0.3 kg/m² quartz sand, size 0.3-0.8 mm. → For substrates with a maximum residual moisture of 3%, use 2K EP-binding agent EA or in combination with EP-barrier coat as primer up to a maximum residual moisture of 5% (please mind structure description). → See catalogue group 1 general requirements to coating substrates
Joints/cracks and wall connections:	<ul style="list-style-type: none"> → Wall connections (~ 10-15 cm height), joints and cracks (~ 20 cm width) must be faced with a grid mat and laminated with 2K PU-Mega Flex.
Mixing:	<ul style="list-style-type: none"> → Components A+B of 2K PU-Mega Flex are delivered in the correct mix ratio. → Temper comp.A and comp.B to 15°C minimum (max. 25°C). Then discharge comp.B completely into comp.A entleeren and thouroughy mix for ~ 3 minutes with the agitator slowly running (300-400 t/min.). → If required (plinths or surfaces with high incline) you may now add suspending agent F (1kg bags) with ~ 1-2 %. (quantity according to existing temperatures) → Change the material into a clean pail and mix for another minute. → Attention! Do not process the mix out of the delivery bundle! → If partial preparations are required, absolutely a digital scale according to mix ratio comp.A 5 PBW with 1 PBW comp.B. → On partial preparations, also mind that comp. A must be agitated before partition. Please also mind that a change in the mix ratio leads to curing disturbances and thus deteriorates the mechanical properties.
Processing:	<ul style="list-style-type: none"> → Discharge the m ix onto the surface, disperse with tothing no.20 (~ 1.40 kg/m² = 1 mm) or (no.23 ~ 2.80 kg/m²= 2 mm) and well dearate with spike roller. → Second layer with tothing no. 10 / paint roller max. (~ 0.80 kg/m² = 0.6 mm) → Generally it is recommended to immediately disperse the mixed material on the surface as it stays longer processible this way. → Only process coatings with the proper tothing, only then you will get correspondingly good surface results. → Surface partition must be chosen in a way so that coating laps on the surface are maximum 15 minutes old. → Surfaces coated with 2K PU-Mega Flex can be immediately revised with the same product after accessibility. → If another product is to be used for revision, you should stick to a minimum curing time of 24 hours! → However revision must be finished after 48 hours the latest, otherwise the surface must be grinded and cleaned! → Absolutely pay attention to processing temperatures.

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2 K Plastistone® PU–Mega Flex (membrane layer)		
<p>The following technical values have been achieved with Plastistone 2K PU-Mega Flex comp. A+B. With addition of fillers, mechanical values are being altered. Plasti-Chemie International GmbH is not liable for the application of external products as technical properties may strongly deviate then.</p>		
Product data:	Component A:	Component B:
Viscosity at 23 °C:	~ 2800 mPas	~ 50 mPas
Solids content:	100 %	
Mix ratio PBW:	500 PBW	100 PBW
Mix ratio:	100 PBV	23.5 PBV
Mixing time:	3 min. + 1 min.	
Material consumption:	Practical consumption with trowel toothing: no. 20 max. 1.40 kg/m ² = 1 mm, No. 23 max. 2.7 kg/m ² = 2 mm (no. 10 max. 0.80 kg/m² = 0.6 mm roll after with paint roller)	
Density (mix):	1.36 kg / l	
Pot life at 20°C:	~ 30 minutes / 500 g Achtung! Attention! Larger preparations or higher temperatures shorten pot life (processing time)	
Revision and curing times at 20°C:	<ul style="list-style-type: none"> • ~ 8h dust-dry • ~ 16h can be overlain with 2k PU-Mega Flex • ~ 24 h accessible and can be overlain with other products • ~ 48 slightly chargeable • ~ 72 h chargeable • After a curing time of >72 h the surface must be grinded and cleaned alkaline before another revision! (only if you have not sanded), • ~ 7 days chemically and mechanically fully chargeable Attention! Curing times are strongly influenced by subsurface and surrounding temperature. 	
Shelf life:	~ 6 months in original closed bundle and at 10°C to 20°C storage temperature	
Colour:	~ RAL 7035	
Cleaner for tools:	PU-thinner (if no curing has taken place)	
EU-regulation 2004/42 (VOC) (Decopaint- regulation):	VOC Product category: 2 component special lacquers Permitted maximum VOC limit value (level II 2010): 500 g/l Maximum VOC content of 2K PU-Mega Flex is < 500 g/l	
GISCODE:	RU 1 (solvent-free polyurethane construction materials)	
CE Norm as per DIN EN13813:	CE- label: EN 13813 SR-B 2,0	
Mechanical properties:		
Shore A hardness DIN 53505:	After 7 days ~ 70 Shore A	
Adhesive tensile strength DIN EN 1542:	> 1.5 N/mm ²	
Bending tensile strength DIN EN ISO 527	~ 17.0 N/mm ² - ~ 100 %	
Crack bridging DIN EN 1062-7	< 2.00 mm	

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2 K Plastistone® PU–Mega Flex (membrane layer)				
Basic structure recommendations with 2 K PU-Mega Flex				
Material name:	Structure no. 1 Substrate: concrete /screed Residual moisture < 3%	Structure no. 2 Substrate: concrete /screed Residual moisture < 5%	Structure no. 3 Substrate: mastic asphalt Residual moisture < 3%	
2K EP-binding agent EA	1 x 0.50 kg/m ²	---	1 x 0.50 kg/m ²	
Quartz sand 0.3-0.8mm	~ 0.50 kg/m ²	---	~ 0.50 kg/m ²	
2K EP-fine spatting c.	1.80 kg/m ² per 1mm layer As optional position EP-primer instead of 2nd layer	---	1.80 kg/m ² per 1mm layer As optional position	
2K EP-barrier coat	---	1 st layer 0.50 kg/m ²	---	
Quartz sand 0.3-0.8mm	---	~ 0.50 kg/m ²	---	
2K EP- barrier coat	---	2 nd layer 0.50kg / m ² As levelling compound 2.00kg/m ² per 1mm layer	---	
Quartz sand 0.3-0.8mm	0.30 kg /m ² Broadcast the fresh 2 nd layer! (Not to excess!)			
2K PU-Mega Flex	1 st layer 1.40 kg/m ² Apply with tothing no.20 and deaerate with spike roller!			
2K PU-Mega Flex	2 nd layer 0.80 kg/m ² Apply with tothing no. 10 and roll after with paint roller!			
Quartz sand 0.3-0.8mm	~ 3.00 kg/m ² Broadcast the fresh 2 nd layer 2K PU-Mega Flex on the entire surface to excess! Sweep after curing and push off/brush loose parts, vacuum well!			
Further (subsequent) coating structure options:				
(For exterior surfaces see technical data sheet 1K PU-Super Flex group 7, Gr.7 composition 6-9)				
For interior surfaces:	Sealing (slip resistant)	Sealing (slip resistant)	Coating ~ 1.6 mm	Coating ~ 3.0 mm
2K EP-binding agent EA	---	---	---	0.30-0.40 kg/m ² (with paint roller)
4K EP-Elastic self-leveling coating 2.5-3.0mm, coloured	---	---	---	5.40 kg/m ² (floor squeegee no.78)
2K EP-Easy Elastic coloured or 4K EP-Elastic sealer	1x 0.50 kg/m ² (with paint roller)	1x 0.50 kg/m ² (with paint roller)	1x 0.50 kg/m ² (with paint roller)	---
2K EP-Easy Elastic coloured or 4K EP-Elastic sealer	1x 0.30 kg/m ² (with paint roller)	1x 0.30 kg/m ² (with paint roller)	1x 2.50 kg/m ² (with paint roller)	---
Colour flake mixture	---	0.02-0.05 kg/m ²	0.02-0.40 kg/m ²	0.02-0.40 kg/m ²
2K PU-sealer WE, colourless, matt	---	Alternative with ~ 0.10-0.12 kg/m ² (apply with paint roller)		
2K PU-Super Finish WE, colourless, satin-gloss	---	Alternative with ~ 2 x 0.050 kg/m ² (apply with paint roller)		
1K PU- sealer LH, colourless, satin-gloss	---	Alternative with ~ 0.10-0.12 kg/m ² (apply with paint roller)		
2K EP- sealer WE colourless, glossy	---	Alternative with ~ 0.10-0.12 kg/m ² (apply with paint roller)		
2K EP-Colorquartz binding agent colourless, glossy	---	Alternative with ~ 0.12-0.15 kg/m ² (apply with paint roller)		

CE Kennzeichnung *DIN EN 13813*:



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EN 13813:2002

Resin Screed/coating for indoors
EN 13813:2002 :SR-AR1-B2,0-IR10.Bfl

Release of corrosive substances	SR
Wear Resistance	≤ AR1
Adhesive tensile strength	≥ B2,0
Impact Resistance	≥ IR20
Fire Resistance	Bfl