

021 LE

2-C EP BLOCKING PRIMER

PRODUCT DESCRIPTION

2-component epoxy resin for blocking non-pressing residual moisture in cement screed and concrete, for strengthening surface edge zones. Suitable as bonding layer on mastic asphalt, ceramic tiles, wood-based panels or as a moisture protecting layer of moisture sensitive subfloors, to cover fixed, water-soluble adhesive residues, for the production of epoxy mortars in combination with Eurocol 846 Europlan Sand/847 Europlan Sand fine.
For blocking non-residual moisture in unheated cement screeds without limiting residual moisture.

For indoor use only. Very low emission certified EMICODE EC 1R Plus. GISCODE RE 30

Sanding with 84 Europlan sand, grain size 0,4-1.0 mm, consumption 2-2,5 kg/sqm, alternatively re-primer with 070 Europrimer fill



FLOOR COVERING



PARQUET



CERAMIC TILES

PRODUCT FEATURES

- As a blocking primer against rising and residual moisture on non-heated concrete and cement based screeds. Without moisture level limit
- As a bonding bridge on sanded mineral sub-floors, tiles, old and stable water based adhesives, with high pressure and dynamic stress
- As a bonding bridge on mastic asphalt (DIN 18354/EN 13813)
- As a dry barrier on moisture sensitive sub-floors e.g. Anhydrite-Calcium Sulphate and stone-wood screeds against surface water from levelling compounds and adhesives
- As stabilizer for worn down surface areas
- As a scratch screed by adding quartz sand As a binding agent to repair epoxy mortars

TECHNICAL DATA

Base	Epoxy resin/ Amin
Colour	Mikly/dark yellow
Density	Approximately 1.15g/cm ³
Consistency	Low viscosity
Cleaning agent	815 Handclean, 358 ToolCleaner
Processing conditions	On sub-floor not below 15 °C, material- and room temperature not below 18°C 35-75% relative air moisture, recommended <65%, at least 3°C above dew point
Mixing ratio	A : B = 1,8:1 weight (6.6kg : 3.4kg)

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Pot life	At 20°C approximately 30 - 40 minutes after mixing	
Mode of application	Rubber spatula / nylon roller (10mm)	
Consumption	Depending on the absorbency and surface structure, approximately 300-500g/m ² per coat	
Drying time before further works	At least 16 hours, maximum 48 hours	
Permitted shelf-life	Within 24 months if stored in its original packing	
Storage condition	Cool and dry place, temperature: 5 - 30 °C,	
Fire sensitiv	NO	
Frost sensitive	NO	
Code acc. to GHS	Resin: warning GHS07, GHS09 Hardener: etching, environment GHS05, GHS09, GHS07	
Environment/Work safety	GISCODE:	RE30
	EMICODE:	EC1R Plus
	DGNB:	VOC 0,1%, quality level: 4
	LEED:	VOC 0g/l
	Hardener: contains epoxy resin. Can cause allergic reactions.	Information for allergy sufferers: +49 361730410

SUBFLOOR

All national standards, requirements and advisory guidelines apply
The subfloor must have a sufficient compression and tensile strength, load-bearing capacity, dimensional stability, dry, crack and dust free and free of any contaminants which will impact bonding and it must be even acc. To DIN 18202 German standards
Paddle floated concrete and cement screeds to be shot-blasted
Old subfloors e.g. ceramic tiles, terrazzo or stone should be thoroughly cleaned, sanded and vacuumed
Cracks and/or joints are needed to be closed with suitable Eurocol system solution (e.g. 913 Europlan Silicat).
In the event of any discrepancy, the installer must always inform the client of his concerns in writing.
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An application to block excessive residual moisture on calcium sulphate screeds is not possible!

INSTRUCTIONS FOR USE

Mix completely the hardener into the resin, mixing with an electric mixer for approximately. 5 minutes. Make sure to mix thoroughly then pour the mixture into a clean bucket and mix again
Evenly apply the mixture using a rubber spatula or micro fibre roller
Avoid puddles
In warm conditions and extend the opening lifetime, the mixture should be poured out into puddles and then spread evenly
If used as a bonding bridge or surface stabilizer, one coat should be enough.
For heavy absorbent sub-floors or if used as a moisture blocker, a second coat will be required. Apply the second layer after approximately 16 hours to max 24 hours (cross application to first coat)
If used to reduce any bonding issues with following levelling works, a sand-blinding using 846 Europlan Sand (0.4-1mm) is to be done into the wet second coat, all excess sand should then be vacuumed away before next step.

Self-levelling without aggregate blinding

For ???levelling works up to 5mm thickness (living areas), a drying time between 16 and 48 hours is advised, then an appropriate Forbo primer can be applied
The dry epoxy floor is to be sanded using a Euroclean repair pad grey before application of the intermediate primer

Use as a reactive epoxy mortar

With the addition of 846 Europlan sand and/or 847 Europlan sand (depending on the required layer thickness and viscosity) a reactive epoxy mortar can be created to stable the created (mix in mass % 1:0.8 up to 1:9 resin + sand), The freshly created and applied reactor mortar must be sanded analogously to a primer.

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SAFETY NOTES

All standards and regulations are to be applied. Outside Germany the local national standards are to be applied, pay attention to BG Chemical information leaflet M023 "working with Polyester and epoxy resins" and BGR227 work with epoxy resins
When using as a moisture barrier, make sure there is enough ventilation at skirting and behind cupboards.

Only mix complete bucket contents!

Pay attention the technical data sheets from approved products

After complete hardening there is no more danger or hazard

No building sanction according to DIN 18195

Emicode, for more information: www.emicode.com.

No consumer product according to 1999/EC/44.

PACKAGING

10 kg combined nonreturnable package (45 per pallet)

SPECIAL NOTE

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content.

As the usage, processing- and storage conditions on site are beyond the manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to follow by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.

The manufacturer's terms and conditions are binding

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