

021 LE

2-C EP BLOCKING PRIMER

REGISTER 2

PROPERTIES

- Very low emissions EMICODE EC1RPlus
- Solvent free, water free
- Low consumption
- Long working time
- Very good penetration, giving good surface consolidation
- Without moisture limit on cement based sub-floors
- For use with certain Forbo parquet adhesives, without sand blinding
- For use with certain Forbo primers, without sand blinding before self-levelling installation



USAGE



FLOOR COVERING



PARQUET



CERAMIC TILES

- As a blocking primer against rising and residual moisture on none 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 poured 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
- For stabilizing worn down surface areas
- For use with quartz sand as a scratch screed
- As a binding agent for making repair epoxy mortars

TECHNICAL DATA

Base	Epoxy resin/ Amin
Colour	Transparent/ brown
Density	Approx 1.1g/cm ³
Consistency	Low viscosity
Cleaning agent	815 Handclean
Processing conditions	not below 15 °C on the subfloor, minimum 18°C material- and room temperature 35-75% relative air moisture, recommended <65%, at least 3°C above dew point

021 LE

Euroblock reno

Mixing ratio	A : B = 2:1 weight (6.6kg : 3.4kg)
Pot life	At 20°C approx 40-50 minutes
Mode of application	rubber spatula/ micro fibre roller (10mm)
Consumption	Depending on the absorbency and surface structure, approx 300-500g/m ² per coat
Drying time before further works	At least 16 hours, maximum 48 hours
Permitted shelf-life	within 12 months, original packing
Storage condition	Cool and dry place, temperature: 5 - 25 °C,
Fire sensitive	NO
Frost sensitivity	NO
Code acc. to GHS	Resin: warning GHS07, GHS09 Hardener: etching, environment GHS05, GHS09, GHS07
Environment/Work safety	GISCODE: RE1 EMICODE: EC 1Rplus DGNB: VOC 0%, quality level: 4 LEED: VOC 0g/l

SUB-FLOOR

- All national standards and advisory guidelines apply
- The sub-floor should be stable, good load-bearing capacity, and bonding reducing layers should be removed mechanically
- Paddle floated concrete and cement screeds to be shot-blasted
- Old sub-floors e.g. ceramic tiles, terrazzo or stone should be thoroughly cleaned, sanded and vacuumed

INSTRUCTIONS FOR USE

- Mix completely the hardener into the resin, mixing with an electric mixer for approx. 5 minutes, making sure to mix thoroughly, 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 to lengthen the pot life, the mixture should be poured out in to puddles and then spread evenly
- For use as a bonding bridge or surface stabilizing one coat should be enough, with heavy absorbent sub-floors or using as a moisture blocker, a second coat will be required, apply in a cross application to first coat after approx. 16 hours
- To reduce any bonding issues with following levelling works, a sand-blinding using 846 Europlan Sand (0.4-1mm) is to be applied into the wet second coat, all excess sand should be vacuumed away

Self-levelling without aggregate blinding

- For following levelling works up to 5mm thickness (living areas), between 16 and 48 hours, an approved intermediate Forbo primer can be applied
- The dry epoxy floor is to be padded using a black pad before application of the intermediate primer

Parquet bonding without aggregate blinding

- Direct parquet installation can be made with approved Forbo reactive adhesives
- The dry epoxy floor is to be padded using a black pad before installation of parquet

Use as a reactive epoxy mortar

- With the addition of 846 Europlan sand and/or 847 Europlan sand a reactive epoxy mortar can be mixed (mix in mass % 1:0.8 up to 1:9 resin + sand), the finished application is to aggregate blinding

NOTE

021 LE

Euroblock reno

- 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

PACKAGING

10kg combined nonreturnable package (45per pallet)

SPECIAL NOTE

Any other application than those specified in this Technical Information requires our explicit approval. Otherwise no liability can be assumed.

The information contained in this product information has been based on experiences derived from laboratory and practical work. The great versatility of materials, many different processing and storage methods and local conditions beyond our control make it impossible to give guarantees for processing results. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. The General Terms and Conditions of our company shall apply.

This Technical Information supersedes all other application data sheets and product information published before.

Last updated 20 October 2014

Supersedes issue as of 9 September 2013

Version Nr. 08

45800_HW02

Revision Formular TI: V01