eurocol

the strong connection

27-11-2026

021

EUROBLOCK RENO LE



2-component epoxy primer, applicable as a moisture barrier on clean, waterproof, stony surfaces. Apply at least two layers (consumption 1st layer min. 250 g/m^2 and 2nd layer min. 150 g/m^2). For good adhesion of the levelling compound, immediately sprinkle the second layer while it is still wet with 846 Quartzsand (gross consumption 4 kg/m^2, net consumption 1.5 kg/m^2) or allow the second layer to dry well and prime with a bonding layer 044 Europrimer Multi. The residual moisture percentage in the subfloor may not exceed 6.0% (CM). Suitable for indoor use. Thanks to EMICODE EC 1PLUS (very low emission) also suitable for BREEAM projects.

PRODUCT TYPING

Base	Component A: epoxy resin. Component B: amines
Color	Resin: transparent, hardener: yellow.
Consistency	Thin liquid.

- 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 EC1 Plus.
- Declared by baubook, "ecological building product".

PROPERTIES

Consumption	depending on the absorbency and surface structure, approximately 300-500g/m^2 per coat
Flammability	Non-flammable.
Sensitive to frost	No.
Special quality	Damp proof membrane without limit.
Specific weight	1.12 kg/l.

APPLICATION

- for blocking non-pressing residual moisture in cement screed and concrete without limitation of residual moisture,
- for strengthening surface edge zones.
- suitable as bonding layer on mastic asphalt, ceramic tiles, wood-based panels,
- suitable as a moisture protecting layer of moisture sensitive subfloors, to cover fixed, water-soluble adhesive residues,

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- for the production of epoxy mortars.

PROCESSING

Storage	Store cool and dry.
Tools	Lambswool roller.
Mixing ratio	1,8 : 1 (l) volume, 6.6 : 3.4 (kg) weight
Curing	Final bond strength between 2 coats. 24 hours (passable).*
Processing time	Use within 30 minutes after mixing.*
Waiting time	16-48 hours..
Drying	At 20 °C, 16 hours per coat.*
Shelf Life	Approx 24 Months, in unopened packaging. Do not mix partial portions.
Cleaner	815 Euroclean HandClean, 358 ToolCleaner.
Application temperature	3 degrees above the dew point temperature.
Remarks	Technical information and safety data sheets of any laying materials and floorings/parquet used must be followed and the processing conditions must be observed! No building barrier measures according to DIN 18195, therefore not applicable in case of pressing, constantly rising humidity and with vapour diffusion. EMICODE, for further information see www.emicode.com.

** The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

Substrate:

- The substrate must be pressure- and tension-resistant, free of cracks and dust, even and free of layers that reduce adhesion.
- Adhesion-reducing layers, old material residues must be removed by suitable mechanical measures in accordance with the specifications of DIN 18365/DIN 18356.
- Old fixed floors, such as ceramic tiles, terrazzo, stone floors, must be thoroughly cleaned and sanded matt after drying.
- Smoothed concrete floors, cement screeds and vacuum concrete are to be shot-blasted.
- Cracks or joints (except structural expansion joints) are to be closed with Eurocol Europlan 913 Silicate sealing compound.
- In case of defects, objections are to be reported in writing.

Instruction manual:

Before use, temper the product according to the processing conditions.

- Add comp. B to comp. A, therefore cut through the synthetic cap and bottom of component B with a screwdriver. Thereafter unlock the packaging, in this way the hardener will easily penetrate into the resin.
- Stir mechanically to a homogeneous mixture.
- Apply the mixture immediately with a lambswool roller. Avoid puddles.
- On strong porous subfloors as well as application as a DPM apply after 16 - 24 hours a second coat.
- To avoid adhesion problems of levelling compounds sprinkle the last coat always with 846 Quartzsand. As a DPM sprinkle the second coat.
- After 24 hours remove excess 846 Quartzsand with a broom or industrial vacuum cleaner.
- For sealing seams and cracks mix the product with 846 Quartzsand until the required thickness. Fill the seam or crack with the mixture and seal the seams to approx. 20 cm width with the primer and thereafter apply 063 Eurotape into the wet coat. Thereafter prime with the product and sprinkle directly with 846 Quartzsand.
- Lower temperatures < 10 °C will increase the finale bond strength significantly.

Use as reaction mortar:
By adding Eurocol 846 Europlan Sand and/or 847 Europlan Sand fine (depending on the desired layer thickness and viscosity), the product can be used to produce a reaction mortar as a levelling mortar to stable filling mortar (mixing ratio mass% 1 : 0.8 to 1 : 9 - resin : sand). The freshly applied reaction mortar must be sanded in the same way as a primer.

It is advantageous if the produced mortar is applied to the freshly applied primer, wet-in-wet. The flanks of adjacent screeds should also be primed.

Working conditions:
Required surrounding temperature: min. 18°C.
Material and subfloor temperature: min. 15°C.
Relative humidity: 35 - 75%, recommended <65%.

Pay attention to BG Chemical information leaflet M023 "working with Polyester and epoxy resins" DGUV Information 201-062 "EP resins in the construction industry" and BGR227 work with epoxy resins.

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When using as a moisture barrier, make sure there is enough ventilation at skirting and behind cupboards.
Only mix complete bucket contents!

QUALITY AND GUARANTEE

ENVIRONMENT AND HEALTH

GISCODE	RE30
LEED	VOC 0 g/l, meets: IEQ Credit 4.1
DGNB	VOC 0 %, quality level: 4
Hazard Class	Product contains hazardous ingredients in the resin and hardener. Please observe the notes in the Safety data sheet!
Safety and environment	Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Keep out of reach of children. Do not eat, drink or smoke while processing the product. Only give completely empty containers for recycling. Bound material residues can be disposed of as household waste.
MSDS	For detailed information about the safety measures please refer to the safety information sheet on our website www.forbo-eurocol.de.
Substances causing allergy	Contains epoxy constituents. May produce an allergic reaction.

ITEM DATA

Article	productname	packaging	shipping unit	EAN code
021	Euroblock Reno LE	tin combi pack à 10 kg	45/pallet	4 026956 991090
021	Euroblock Reno LE	tin combi pack à 3 kg		8 710345 002134

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 use, processing- and storage conditions on site are beyond 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 be followed 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!

BG145800, Version 10, Stand 2020-03-11, ersetzt Ausgabe vom 2018-12-10.

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