eurocol

the strong connection

11-11-2026

015

EUROBLOCK MS

Water-free 1-component SMP moisture barrier. For blocking capillary moisture on absorbent cementitious substrates up to 4 CM %, 95% RF. Blocking in only one operation. Easy application method with defined quantity. Contains no components capable of migration. No need to mix with a hardener to avoid hardening losses or possible mixing errors.



PRODUCT TYPING

Base	SMP polymer
Color	Beige.
Consistency	Thin liquid.

- Ready to apply, fast hardening One-component SMP moisture reaction resin primer to block non-pressing residual moisture in cement screed up to 4 %CM, 95% RT.
- For strengthening surface edge zones of mineral substrates.
- Can be used as adhesion promoter on mastic asphalt, ceramic tiles, fixed wood-based panels (V100 P4 - P7, OSB panels 2 - 4), can be used as moisture protection for moisture-sensitive substrates, for covering fixed, water-soluble adhesive residues.
- Prime with 070 Europrimer Fill before using self-levelling compound.
- Suitable for direct bonding of parquet with Eurocol 1C adhesives.
- Suitable* for direct bonding of parquet with Eurocol 1K adhesives.
- The product can be used on permanently dry, heated floor constructions.
- For interior use.
- Contains no migratory components.
- Solvent-free according to TRGS 610 and very low emission laying material, EMICODE EC1 Plus.
- Low emission, low solvent according to Blue Angel UZ113.
- Declared by baubook, "ecological building product".

PROPERTIES

Consumption	Approx. 150 - 250 g/m^2 (per application, depending on substrate and application).
Flammability	Non-flammable.
Frost resistance	Yes.
Special quality	Damp proof membrane up to 4 CM%, 95 % RF.
Specific weight	1.1 kg/l.

APPLICATION

- to block non-pressing residual moisture in cement screed up to 4 %CM, 95% KRL (TKB),
- for strengthening surface edge zones of mineral substrates,
- can be used as adhesion promoter on mastic asphalt, ceramic tiles, fixed wood-based panels (V100 P4 - P7, OSB panels 2 - 4),
- can be used as moisture protection for moisture-sensitive substrates,
- for covering fixed, water-soluble adhesive residues.

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PROCESSING

Storage	Store cool and dry.
Tools	Lambswool roller 7 mm, A2 notched trowel.
Waiting time	3-72 hours.
Drying	At 20 °C, 3 - 4 hours.*
Shelf Life	12 Months, in unopened packaging. After use close the open packaging well.
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! If the moisture content is higher than 4CM% or cement-based composite screeds/concrete used, apply a Eurocol 2-K EP primer (e.g. 021 Euroblock Reno LE)! In addition, make sure that the temperature of the substrate is 3 degrees above the dew point temperature. The application must be carried out at a constant or falling temperature in order to prevent the formation of bubbles due to the expansion of air in the Avoid subfloor. Ensure good ventilation after application and during the hardening process. The wet surface must be protected from direct contact with water during the entire hardening phase. In the case of primed floors, ensure sufficient ventilation behind cupboards and skirting boards. No building barrier measures according to DIN 18195, therefore not applicable in case of pressing, constantly rising humidity and with vapour diffusion. Not suitable as a primer on concrete. 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 compression and tension resistant, permanently dry (cement screeds up to 4CM%), free from cracks and dust, even, free from adhesion-reducing layers.
- Adhesion-reducing layers, old material residues must be removed by suitable mechanical measures according to the specifications of DIN 18365/DIN 18356.
- Old fixed floors, such as ceramic tiles, terrazzo, stone floors, must be professionally cleaned and sanded matt after drying.
- Cracks or joints (except structural expansion joints) are to be closed with Eurocol grouting compounds Europlan 913 Silicate.
- In the event of defects, objections must be made in writing.

Instruction manual:

- Before use, temper the product according to the processing conditions.
- Apply the primer thinly and evenly on the prepared substrate, avoid puddle formation at all costs, as in thicker layers the hardening is delayed (skin formation) and this can lead to incorrect bonding, imperfections in the waterproofing.
- When used the primer to stabilise surface edges, the material should be applied with a short pile (e.g. 7 mm) nylon roller.
- When used as DSM, blocking off residual moisture in cement screeds, apply with a new toothed troel A2 (TKB) and apply at least 250 g/m^2 in a closed layer. Immediately apply a thick layer of the product to any imperfections that appear at higher absorbency. Alternatively, to reduce the absorbency of the substrate, prepare the surface with a short pile nylon roller, allow to set for a short time and finish wet-on-wet with toothed trowel.
- Low air humidity and/or high application rates delay the drying of the primer.
- Before further processing, the surface must be tack-free.
- If the surface is tack-free or within 72 hours, it can be bonded directly with the approved* Eurocol 1K adhesives.

When using Eurocol 2-component adhesives, the last layer still wet surface of the primer must be completely sanded with 846 Europlan sand, grain size 0.4 - 1.0 mm, consumption approx. 2 - 2.5 kg/m^2.
For subsequent levelling work up to a layer thickness of 5 mm, the thoroughly dried, tack-free primer is primed with Eurocol 070 Europrimer Fill as a adhesion promoter. Before applying the intermediate primer, pad the surface completely with black pad.

In case of heavy use of the surface (rolling) and / or high layer thickness of the levelling compound (>5mm), sprinkle the primer with 846 Europlan Sand in excess (1.5 - 2.5 kg/m^2). To do this, apply a second thin coat of the primer and sprinkle it immediately. After the primer has set, the unbound sand must be vacuumed off.

*Released adhesives:

Eurocol 120 Euroflex MS - 1-K SMP flooring adhesive
Eurocol 157 Eurowood MS - Universal 1-K SMP adhesive
Eurocol 159 Eurowood MS PRO - 1-K SMP adhesive especially for multilayer parquet
Eurocol 153 Eurowood LE - low emission, 1-K SMP adhesive
Eurocol 154 Eurowood MS SF Ultra - Shear-resistant 1-K SMP adhesive

Working conditions:

Required surrounding temperature: min. 18°C.
Material and subfloor temperature: min. 15°C.

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Relative humidity: 35 - 75%, recommended >65%.

In the case of blocked, wet floors, make sure there is sufficient ventilation behind cupboards and skirting boards.

QUALITY AND GUARANTEE

baubook

www.blauer-engel.de/uz113

GEV-EMICODE EC 1 PLUS very low emission

ENVIRONMENT AND HEALTH

GISCODE	RS25
LEED	VOC 1 g/l, meets: IEQ Credit 4.1
DGNB	VOC 0,09 %, quality level: 4
Hazard Class	Product contains hazardous ingredients. 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.

ITEM DATA

Article	productname	packaging	shipping unit
015	Euroblock MS	PE jerry can à 11 kg	60/pallet

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!

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