

eurocol 025

the strong connection



EUROBLOCK DEEP

Two-component damp proof coating. Damp proofing up to 4 CM %. Water-free. Low viscosity.

PRODUCT TYPING

Color	Component A: transparent. Component B: yellow
Consistency	Thin liquid.

- Two-component, epoxy resin, damp proof coating to block residual moisture of concrete and cement screed up to 4 CM %.
- For the stabilization of unstable and wrecked screed with very good subfloor penetrating properties.
- For the protection of dry, moisture sensitive subfloors such as anhydrite, calcium sulphate and stone wood composites against surface water from levelling compounds or adhesives.
- Can be mixed with 846 or 847 Europlan Sand to create spatula applicable epoxy-mortar to repair subfloors, closing cracks and holes.
- Can also be used to cover old adhesive on subfloors before applying levelling compound or adhesive.
- Before levelling works, improved bonding by quartz sand blinding of still wet final coat of 025 with 846 Europlan Sand (2 - 2,5 kg/m²).
- For indoor use only.
- Can be used on underfloor heating systems.

PROPERTIES

Consumption	depending on the absorbency and surface structure, approximately 300-500g/m ² per coat
Frost resistance	Yes.
Special quality	Very good penetration behaviour and thus a very good surface hardening

APPLICATION

- for blocking non-pressing residual moisture in cement screed and concrete wup to 6 CM% residual moisture,
- for strengthening surface edge zones.
- Suitable as a moisture protecting layer of moisture sensitive subfloors, to cover fixed, water-soluble adhesive residues,
- for the production of epoxy mortars.

PROCESSING

Storage	Store cool and dry.
Tools	Lambswool roller.
Mixing ratio	1,8 : 1 (l) volume, 6,9 : 3,1 (kg) weight
Open time	25 - 30 minutes.*
Processing time	Use within 30 minutes after mixing.*
Waiting time	16 - 24 hrs.

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Drying	At 20 °C, 16 hours per coat.*
Shelf Life	Approx 24 Months, in unopened packaging. Do not mix partial portions.
Cleaner	815 HandClean, 358 ToolCleaner
Application temperature	3 degrees above the dew point temperature.
Remarks	<p>Technical information and safety data sheets of any laying materials and floorings/parquet used must be followed and the processing conditions must be observed!</p> <p>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.</p> <p>No building barrier measures according to DIN 18195, therefore not applicable in case of pressing, constantly rising humidity and with vapour diffusion.</p>

* 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.
- The hardener component must be completely emptied into the resin component and mixed homogeneously with a suitable stirrer for approx. 5 minutes, also in the wall and bottom areas of the containers. Immediately decant into a clean container and mix again.
- Apply the mixture immediately with a lambswool roller. Avoid puddles.
- On strong porous subfloors as well as application as a DPM apply after 12 - 24 hours a second coat.
- To avoid adhesion problems of levelling compounds sprinkle the last coat always with 846 Quartsand. As a DPM sprinkle the second coat.
- After setting the primer remove excess 846 Quartsand with a broom or industrial vacuum cleaner.
- 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.
Temperature for material and subfloor : min. 15°.
Relative humidity : 35 -75%.

Pay attention to DGUV Information 201-062 "EP resins in the construction industry", 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!

ENVIRONMENT AND HEALTH

GISCODE	RE30
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. Material

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MSDS	residues can be disposed of as household waste. For detailed information about the safety measures please refer to the safety information sheet on our website www.eurocol.nl .
Substances causing allergy	Contains epoxy constituents. May produce an allergic reaction.

ITEM DATA

artikel	productname	packaging	shipping unit
025	Euroblock Deep	tin combi pack à 10 kg	45/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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