

DECOUPLING AND WATERPROOFING MEMBRANE

Cleaning agent for natural stone and firebricks

Description

Membrane for substrate decoupling, waterproofing, and impact sound reduction, designed for tile installation. It features an embossed structure and high resistance to permanent deformation.

Technical Specifications

Colour: Grey

Resistance to temperature: -30°C to +90°C

Max total width: 1000mm +/- 5mm

Thickness: 1,8mm +/- 0,2mm

Total weight: 870 gr/m² +/- 60 gr/m²

Length per roll: 15 m

Breaking Load longitudinal: 170N/ 15mm

Breaking Load lateral: 190M/ 15mm

Extension break longitudinal: 65%

Extension Break lateral: 85%

Resistance to tearing longitudinal: 350N

Resistance to tearing lateral: 360N

Resistance to water pressure: ≥ 1,5 bar

Bonding strength: 0,22 N/mm²

Point-load test: ≥ 1000 lb

Shear strength: ≥ 50 psi

Pressure test: 76,4%

Crack bridging test: (joint crack) 2,7mm

Crack bridging: shear of the tile 4,8mm

Chemical properties: Resistance to a wide range of chemical liquids.

Instructions for use

1. Trim the decoupling membrane to the size of the floor being covered. Prepare the floor with a suitable primer before applying the tile adhesive with a (6 mm x 6 mm) toothed trowel.
2. Apply the membrane to the ground in a precise and edge-to-edge direction and smooth it towards the edges. Avoid air inclusions and glue residues! The

membrane should be installed with a 10mm gap between them and sealed with a waterproofing tape. The floor is now decoupled.

3. (only needed for waterproofing) After installing the sealing membrane, apply the sealing tapes and corners and continue according to the installation instructions of sealing products.

4. If the floor must be sealed as well, the joints must be covered with a sealing tape and waterproofing material. Mix waterproofing material and apply it onto the decoupling membrane with a suitable notched trowel. It is now possible to start laying the tiles.

For exterior application kindly note the following:

1. Protection against direct sunlight:
The application and curing of the adhesive should ideally take place in the shade. Adjust the working time accordingly, and use shading measures if needed.
If immediate tiling or covering is not possible, the installed membrane should be protected with reflective foil. Keeping a small air gap between the foil and the membrane significantly reduces surface temperature.
2. Embedding into fresh adhesive:
The membrane must be embedded into the fresh tile adhesive immediately after application. Prevent the adhesive from forming a skin before embedding. Use a suitable primer, scratch coat, appropriate trowel size, and an adhesive with sufficient open time to optimize this process.
3. Thermal expansion:
Store the membrane according to the ambient temperature before installation. To compensate for possible thermal expansion, maintain a 10 mm gap between adjacent sheets.
4. Vapor pressure compensation:
Apply the sealing tapes only after the adhesive layer has sufficiently hardened, to allow proper vapor pressure equalization.
5. Rapid-setting adhesive systems:
Using a fast-setting adhesive system can help achieve a quick and reliable bond between substrate and membrane.

Storage

Store in a cool, dry place, protected from sunlight. Use within 24 months from delivery.

Packages

Roll of 15m length and 1m width

Notes

Technical data, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. Given that in each case of application, the use of the materials and the conditions of the project as well as the overall environment, cannot be controlled by the company, the sole responsibility for the result lies with the end user of the product. No liability under any legal relationship can be established against the company, based on the information listed within this document. The present edition of this Technical Data Sheet automatically cancels any previous editions. The end user of the products should always refer to the latest Technical Data Sheet version.

Other information

BAUER BUILDING TECHNOLOGIES

Megara Industrial Estate, Attica

Tel: +30 210 5744222

Fax: +30210 5740777

Email: info@netbauer.com

[http// www.netbauer.com](http://www.netbauer.com)

Frankfurt, Reg. No 312310 QM

Qualitätsmanagementsystem und No 312310 UM

Umweltmanagementsystem

Zertifiziert nach DIN EN ISO 9001 und EN ISO 14001

