

TERABLOCK 4,5 PM

Plastomeric bituminous membrane with chippings for roof waterproofing.

Description

TETRABLOCK is a plastomeric bituminous membrane based on a mixture of high quality distilled bitumen and thermoplastic polymers. The membrane is reinforced with non-woven polyester fabric armored with fiber glass.

The upper surface of the membrane is covered with light gray colored mineral chippings and the bottom surface is covered by a thin polyethylene film suitable for torch application.

Features - Benefits

- For demanding waterproofing applications
- Excellent life expectancy in harsh weather conditions
- Easy to apply with the use of blowtorch
- Stability of dimensions

Application examples

- Concrete
- Screeds
- Brick structures etc.

Specifications

Length: 10,00 meters (-1%) EN 1848-1

Width: 1,00 meter (-1%) EN 1848-1

Weight: 4,50 kg/m² (± 5%) EN 1849-1

Tensile strength (length): 850 N/5 cm EN 12311-1

Tensile strength (width): 650 N/5 cm EN 12311-1

Elongation at break (length): ≥45% EN 12311-1

Elongation at break (width): ≥50% EN 12311-1

Heat resistance: +120°C EN 1110

Softening point: > +150°C ASTM D-36

Cold flexibility: -5°C EN 1109

Static puncture resistance: Class L4 EN 12730:2001

Dynamic puncture resistance: Class I4 EN 12691

Water vapor permeability coefficient: $\mu=80.000$ EN1931

Watertight integrity: 100 KPa EN 1928:2000

Substrate preparation

Provide stable surfaces, completely dry and free from shrinkage tendencies. Remove loose or detached fragments, dirt, oil, dust etc. Fill and repair any major cracks and gaps with suitable repairing products from BAUER (e.g. BETOFIX B70). Prior to membrane application, prepare the substrate, smoothen out the surface and apply SUPERBIT bituminous primer with recommended consumption $\approx 0,3$ Kg/m²

Instructions for use

Place TETRABLOCK membrane on the substrate with the polyethylene film facing downwards. Proceed with heating the contact surface with the blowtorch until the polyethylene film melts and continue the procedure while unpacking the membrane roll. Adjacent membrane rolls should overlap each other at a width of approximately 10 cm while at the same time making sure that the joints are carefully treated with a blowtorch and sealed by pressing with an iron spatula in order to ensure sufficient bonding and sealing. Make sure that the sealings follow the inclination of the roof thus avoiding the crossover of the drainage water with the joints.

Storage

Preferably in shady and roofed locations, low in moisture, for at least 12 months in the initial sealed package.

Product specifications

Classification according to European Norm EN 13707

Packaging

Roll 1 x 10 m. Pallet of 27 pcs (270 m²)

Notes

Technical details, 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. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

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