

MONOFLEX

Elastic waterproofing acrylic roof coating.

Description

Elastomeric acrylic waterproofing coating for roofs. Forms a protective elastic membrane without joints, fully waterproof, resistant to environmental corrosion and UV radiation. Resistant to extreme weather conditions. The product has a life span of approximately 8 years.

Examples of applications

MONOFLEX commonly used for waterproofing of cement, concrete, wood, metal, tile, asphalt membranes on horizontal and vertical surfaces such as:

- Roofs
- Channels basin
- Buildings of bricks or blocks etc.

Features - advantages

- Impervious to rain and moisture
- Excellent adhesion with substrates such: ceramic tiles, mortar, tin, aluminum, brick, wood, concrete, asphalt, etc.
- Vapor permeable
- Antifungal.
- Durable and reflective barrier to UV sunlight.
- High life time.
- Easy and economical to apply
- Capable of patency.

Specifications

Form: White or terracotta

Density: 1,4 kg / l

Application temperature: + 5 °C to + 35 °C

Elongation at break: > 300%

Adhesion strength: > 2 N/mm²
(EN 1504-2 requirement >0,8 N/mm²)

Capillary Absorption: < 0,1 kg /m²h^{0,5}

Drying time to touch: 2 hours at 20 °C

Full drying time: 10-12 hours at 20 °C

Service temperature: -15 °C to + 90 °C

Substrate preparation

Ensure surfaces stable. Remove loose, detached lots, dirt, oil, dust, etc. Fill and repair any major gaps and cracks with suitable repairing products of BAUER (e.g. BETOFIX B70).

Instructions for use

MONOFLEX is ready for use. Good stirring in the vessel for a short time until the mixture is homogeneous is required. The material is applied by roller or brush in two or more hands crosswise. Dilute the first hand 10% -15% water for a layer as a primer. The second coat is applied over the first when it is completely dry (when the previous coat is walkable). If necessary apply a third layer, in the same way. Ensure that the material penetrates and fill all the gaps. In cases of large cracks, edges and when we want improved material properties between layers reinforce with fiberglass or polyester. In cases requiring local crack filling, inject MONOFLEX (diluted 10% with water) directly and then apply the reinforcing mesh. Should not be applied under intense solar radiation (temperature greater than 35°C) or rainfall and days where temperature is expected to drop below freezing point. Immediately after use, clean application tools with water

Consumption

1-2 kg /m² MONOFLEX consumption required depends on the porosity and the flatness of the surface.

Packaging

1, 5, 12,6 kg containers

Storage

Preferably in shady and roofed locations, low in moisture. protected against ice, high temperature and exposure to sunlight for at least 12 months.

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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