

SUPERBIT

Elastomeric bituminous waterproofing emulsion without solvents

Description

SUPERBIT is a mixture of pure asphalt, resins and special emulsifying elastomeric polymers which after evaporation of the dispersing medium forms a single insulating black color film.

- Excellent adhesion to brick, concrete, metal, wood etc.
- Great chemical resistance to acids, alkalis and subsoil salts
- Non-combustible material (when pasting bituminous membranes).
- Ability of narrow crack sealing
- Great durability
- Easy to use material without solvents

Application Examples

For waterproofing and protection of horizontal and vertical surfaces such as:

- Retaining walls
- Roofs
- Sloping roofs
- Floors
- Underpinning
- To create a vapor barrier
- For gluing insulation boards
- For renewing plates asphalt pavers
- As a primer for fixing bituminous membranes

Substrate preparation

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

Instructions for use

SUPERBIT is ready for use. Requires only good stirring in the container for a short period until the mixture becomes homogeneous. Depending on the application it may be diluted with water up to 50%.

The material is applied by brush, spray gun in 1-3 layers. Apply each layer crosswise to the former and after it has fully dried. In cases of large cracks, edges and where improved material properties are required embed between layers Bau-mesh reinforcing grid.

Application of SUPERBIT on horizontal surfaces is as follows: For the application of the first layer 30% dilution with water is recommended. Apply the mixture to the substrate and for best results embed Bau-mesh reinforcing grid. After first layer has dried apply second layer with up to 50% dilution with water.

Regarding vertical surfaces dilute the material with 50% water in the first layer and 30% water in the second layer. Not suitable for application in days with intense solar radiation (temperature above 35) or precipitation and days where temperature is expected to drop below zero. Immediately clean application tools after use with water.

Technical features

Form: Thick paste

Color: Dark Brown

Density: 1,1 Kg/l

Water Content: 50% – 55% per weight

Total solids: 50%-55% per weight

Flammability: No

pH: 9

Elongation after aging: ~ 100%

Curing time: after 2 days

Foot traffic: after 10 hours

Temperature resistance: - 5°C to +130°C

Consumption

Waterproofing roofs with reinforcements:

1,2-2,0 kg/m²/total

Waterproofing roofs without reinforcements:

0.5 – 1,0 kg/m²/total

Wall Waterproofing:

0.2 – 0.3 kg/m²/layer

Gluing insulation boards:

0.6 - 0.7 kg/m²/layer

Packaging

Container 18 kg

Storage

In shaded, preferably sheltered areas protected from frost, high temperature and sun exposure 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 on 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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Qualitätsmanagementsystem

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