

BSY-406-/ BITUMEN RUBBER BASED 1K WATERPROOFING MATERIAL

PRODUCT DESCRIPTION

It is a single-component, solvent-free, polymer-modified rubber-bitumen-based waterproofing material that forms a seamless, flexible membrane when dried.

USAGE AREAS

It is used for waterproofing spaces located underground such as basements, cellars, and enclosed parking areas, as well as for preventing leakage in wet areas such as bathrooms, kitchens, and balconies. It is suitable for both interior and exterior; vertical and horizontal concrete surfaces.

PRODUCT ADVANTAGES

It has a high capacity for bridging hairline cracks.

It is suitable for underground use.

It does not flow or sag on vertical surfaces.

It provides excellent adhesion to concrete surfaces.

It ensures seamless waterproofing on applied surfaces.

It is elastic.

It is ready to use and easy to apply.

It is solvent-free and environmentally friendly.

DRYING TIME

(at 20°C, 65% RH)

Initial drying: 12 hours.

Second coat: 24 hours.

Complete drying: 48 hours.

APPLICATION METHODS

1K should be applied to the surface in at least two coats, with a minimum dry film thickness of 3 mm.

When applying under low temperature (+5°C to +15°C) and high relative humidity (>60%) conditions, in order to control the drying time and improve the quality of insulation, it should be applied in at least 3 coats, following the consumption amount and total dry film thickness information.

The second coat should be applied perpendicular to the first coat after the first coat has completely dried. Subsequent coats should always be applied after the previous coat has dried and in a perpendicular direction to the previous application.

In cases where it is deemed necessary, a mesh can be applied between two coats. In situations requiring mesh reinforcement, first apply a coat and then place the mesh before it dries.

SURFACE PREPARATION

Any kind of dirt or contaminants that prevent the product from adhering to the surface should be cleaned.

If necessary, pressure washing with warm soapy water should be performed. The application surface should be dry, clean, and free from moisture.

Terraces and surfaces to be treated should have a slope (minimum 5%) to prevent ponding.

Repair mortar should be used for leveling the surface before application.

Cold joints in horizontal and vertical junctions should be chamfered.

1K should be applied without dilution with water.

The application should be done in at least 2 coats. Between coats, a maximum of 24 hours should be waited, and the second coat should be applied perpendicular to the first coat.

CONSUMPTION

Average consumption: 3-4 kg/m² (for 2 coats). The given consumption values are approximate, as they may vary depending on the porosity and void structure of the surface. The exact consumption will be determined at the end of the application.

STORAGE

It can be stored for 1 year in its original packaging, in a cool and dry environment, protected from moisture, frost, and direct sunlight.

PACKAGING

17 kg PE bucket.

CAUTION

Applications should be done between +5°C and +30°C. Application should not be performed during rain, snow, or freezing conditions. The applied surfaces should be protected from these weather conditions for at least 24 hours. TESLA MASTER BL 501 1K should be applied to the side of the structure that may be exposed to positive water pressure. Since it is solvent-free, the application tools can be cleaned with water after application. Gloves should be worn during application. In case of contact with eyes or skin, rinse with plenty of water. In case of allergic reactions, seek medical attention immediately.

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