

COSTAR 2B

Two Component Powder/Bitumen Waterproofing Membrane

Description

Costar 2B is two component bitumen based elastic and quick dry membrane which adheres firmly to the applied surface and forms an elastic waterproof layer.

Application

- Horizontal and Vertical Application
- Areas where higher resistant to water pressure on cracked surface is required.
- For wet areas such as bathroom, kitchen, balcony, toilets etc.

Benefits

- Ready to use.
- Does not require heating or thinning.
- Does not shrink.
- Provides a seamless insulation layer.
- Suitable for interior applications.
- Eco-friendly.
- Adheres perfectly to all kind of surfaces, even when the surface is moist.
- Covers the capillary cracks.
- Provides permanent elasticity.

Technical Data

Content	Part A: Bitumen Emulsion Part B: Powder
Appearance	Dark Green Liquid (Dry form is black)
Solid Content (Mixture)	61%
Application Temperature	+50C to +350C
Density of Mixture	1.20g/cm ³
Drying Time	10-12 Hours

Substrate Preparation

Concrete substrates must be sound and of sufficient compressive strength (minimum 25N/mm²) with a minimum pull off strength of 1.5N/mm². The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. if in doubt, apply a test area first.

Concrete substrates could be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as voids must be fully exposed. Repairs to the substrate, filling of voids and surface leveling must be carried out by using Costar Repair Mortar. The concrete or screed substrate has to be primed or leveled in order to achieve an even surface.

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Add component B into component A. Mix with a low speed mixer homogenously until there is no lump.

Costar 2B can be applied with a bitumen brush or trowel. Depending on the weather conditions, it dries approximately in 4- 5 hours. It can be applied on damp surfaces, but not on wet surfaces. It should not be applied under the rain or when the temperature lower than +5°C. Next layer should be applied when the previous layer completely dry.

Coverage/Consumption

3 – 4 kg/m² is applied on each layer, in 1 mm thickness. It is recommended that at least 2 layers are applied (6 -8 kg/m²).

Coverage is changeable depending on the application type, surface porosity, surface profile, variations in level or wastage etc. It is recommended that at least 3 layers are applied.

Packaging

- Part A: 20Kg
- Part B: 5Kg

Shelf Life

24 months from date of production if stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperature between +20°C and 30°C.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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