



# COSTAR 2B

Two Component Powder/Bitumen

## PRODUCT 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. It is modified with specially selected aggregates and active chemicals. It lowers the permeability of concrete and is used as a surface applied waterproofing membranes for improved durability and longevity of concrete.

## FEATURES

- 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.

## APPLICATION AREA

- 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.

## APPLICATION INSTRUCTION

### Surface Preparation

Concrete substrates must be sound and of sufficient compressive strength (minimum 25N/mm<sup>2</sup>) with a minimum pull off strength of 1.5N/mm<sup>2</sup>. 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.

## Application

Add component B into component A. Mix with a low speed mixer homogeneously 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.

## CONSUMPTION

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

## TECHNICAL PROPERTIES

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

## PACKAGING

Part A: 20Kg  
Part B: 5Kg



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## STORAGE AND SHELF LIFE

Store under warehouse conditions below 35°C in the original, unopened packs. If stored at high temperature and/or high humidity conditions, the shelf life will be reduced.

It has a shelf life of 12 months when stored in a dry place below 35°C in their original, unopened packs.

## HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product. For Professional Use only.

## ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

## LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.