

# COSTAR 2K

## Cementitious waterproof membrane

### Description

Costar 2k is a two component waterproofing membrane with tough-elastic properties suitable for both positive and negative side waterproofing of interior and exterior concrete and masonry surfaces.

### Application Areas

- Indoor and Outdoor
- Horizontal and vertical application
- All wet areas such as bathrooms, swimming pools, terraces, kitchen, water tanks, balcony etc.

### Advantages

- Allows the concrete to breathe
- Can be easily applied on horizontal and vertical surfaces with brush, roller, trowel or spraying machine
- Waterproofs and flexible.
- Is elastic, does not shrink or crack
- Non-poisonous, perfect for water tanks

### 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.

### Technical Properties

Appearance	Component A: Grey Colored Powder Component B: White colored Liquid
Open Time	45-90 Minutes
Substrate Temperature	+10°C/+30°C
Full Curing Time	7 days
Flexibility	Good
Water Permeability	Nil

### Mixing

Costar 2K must be thoroughly mixed using a low speed electric stirrer (300-400rpm) or other suitable equipment. Prior to mixing, stir part A mechanically. When all of part B has been added to part A, mix continuously for 2 minutes until a uniform mix has been achieved.

### Packaging

- Part A: 20Kg
- Part B: 8liters

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### Application Method

Costar 2K Flex is applied by roller, spraying equipment or serrated trowel poured up to desired thickness. Depending on application type period if necessary roll immediately in two directions with spiked roller to ensure even thickness and to remove entrapped air.

### Consumption/Coverage

1 – 1.5 kg/m<sup>2</sup> is applied on each layer, in 1 mm thickness. It is recommended that at least 2 layers are applied (2 - 3 kg/m<sup>2</sup>). On areas where stronger protection is required, the consumption may increase up to 3 - 4 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.

### Standard

EN 1489 - 2007, CMO

### Storage Conditions/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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