

## Product Description

Techno BrushSeal is a water-based Primer composed of acrylic emulsion polymer, selected special additives in water as a medium. Recommended to be used as a primer coat for all brushable elastomeric waterproof membrane on porous parent concrete.

## Uses

All concrete surfaces such as Retaining Walls, Toilets, Terrace, Swimming Pools, Balconies etc. All the plastered brick walls can also be applied before further treatment of waterproof membrane coatings.

## Advantages

- Bonding - Good bonding between elastomeric coating and substrates
- Suitability - Used as a primer on internal and external surfaces
- Alkali resistant - Based on chemically inert polymers hence suitable for high alkaline substrates
- Penetration - Provides deep penetration thus imparts excellent substrate adhesion
- Repellent - Provides excellent repellent properties

## Properties

Techno BrushSeal is a low viscous penetrating acrylic emulsion based primer with water repelling characteristics. The primer coat when applied on parent concrete will help in sealing the pores and also helps in proper adhesion of subsequent waterproofing coating systems. The primer coat aids in establishing designed coverage of top coats thereby desired thickness is achieved.

Properties	Results
Colour	White
Density @ 25°C, g/cc	1.10 ± 0.05
Solid Content, %	> 35
Bonding Strength	Excellent to porous substrates
Tensile Strength, N/mm <sup>2</sup> ASTM D 412	> 2.0
Weathering Resistance	Excellent

## Application Instructions

### Preparation

Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease, etc. Mechanical means such as wire brushing & shot blasting can be used. Finally, vacuum cleaning of all loose solids and liquids can be done if required. Cracks more than 5mm and all separation gaps should be filled up with Techno Bond SBR or Techno Bond AR modified mortar or as specified.

### Priming

To further improve waterproofing and bonding properties on porous substrates, we recommend Techno Brush Seal, a penetrating water repelling acrylic primer. Techno Brush Seal which ensures proper adhesion of all brushable elastomeric membrane when waterproofing is done on porous substrates. It also acts as a bond layer between elastomeric coating and substrate.

The surfaces to be primed must be dried before treating with Techno BrushSeal.

### Application

Dilute Techno BrushSeal with water in proportion of 1:3 and stir well until a uniform consistency is achieved. Apply a single coat of diluted Techno BrushSeal on the cleaned substrate & allow it to dry for 2 to 3 hours before commencing subsequent waterproofing coating system.

Note: Do not apply during Rain

## Coverage

Techno BrushSeal -10-12m<sup>2</sup>/ltr/coat after dilution. Coverage may vary depending upon the nature and texture of the substrate.

## Packaging

Techno BrushSeal is available in 5 & 20 ltrs Jerry Cans

## Precautions & Limitations

Techno BrushSeal system has a limited resistance to water permeability. To provide effective protection to the building, when used on concrete surfaces, this system should be used in conjunction with Techno Greens range of Waterproofing Systems.

## Health & Safety

Techno BrushSeal system is non-toxic but alkaline in nature. Gloves and goggles should be worn while handling. Any splashes on the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought.

## Fire

Techno BrushSeal system is non-flammable

## Shelf Life

Techno BrushSeal may be conserved for upto 18months when contained in its original sealed packing.

Store BrushSeal material in a dry place.

**Important:** Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

### For Complaints/Suggestions:

Please write to our Customer Care Executive at

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