

# MIXCOAT AP600

Bonding primer coat over asphalt / bitumen substrates

**MIXCOAT AP600** is a pure acrylic polymer reinforced, modified with wetting agents and graded fillers specially formulated liquid applied bonding over coating for the existing Bitumen membranes or primers and Polyurethane layers which is in sound state over the substrates

MIXCOAT AP600 slurry modified with water and OP cement acting as an excellent bonding medium over bitumen / asphalt substrates where removal is practically difficult and to over lay high build water proofing systems or cement finishes without remove the Asphalt / Bitumen elements

Mixcoat AP600 contains cross linking functionalities which is not only improve tensile properties but improves the substrate adhesion properties specially over Bitumen / Asphalt or Polyurethane surfaces where complete removal of these coatings / membranes are not required to over lay another water proofing system / cementitious finishes

## Appropriation

As bonding primer coat over the surfaces with

- Bitumen membranes
- Bitumen / Asphalt coated areas
- Polyurethane coated areas

## Characteristics

Easy to apply  
Improves adhesion over bitumen based coatings  
Improves adhesion over PU based coatings  
Non-toxic  
Excellent water barrier  
Asphalt bleed resistance

## Technical properties

Appearance: White viscous liquid  
pH: 7 – 8  
Viscosity: 110mPa's  
Solid content: 54% ±2%  
Elongation at break ASTM D 638: 140%  
Tensile strength ASTM D 412: 3.62N/mm<sup>2</sup>  
Adhesion to substrate ASTM D 4541: 1.5N/mm<sup>2</sup>  
Water absorption ASTM C836: 5.5%  
Crack bridging ASTM C836: up to 2mm  
Ambient temperature: 10 to 50 deg C

## Product Management

**Surface preparation:** The substrate must be dry, sound, clean and uncontaminated. All loose / debonded particles of existing coatings or membranes with Bitumen / Asphalt / Polyurethane, shall be removed by mechanical way and wash the area with high pressure water jet

**Product preparation:** It is recommended to modify MIXCOAT AP600 Liquid at modification ratio of 2:1:3 (2 part Mixcoat AP600liquid:1 part water: 3 part OPCement)

**Application procedure:** For optimum result Mixcoat AP600 slurry must be applied at a spread rate of 1ltr/sqm and allow curing for 3 to 4 hours at 25 deg C before over-coating

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**Cleaning:** Clean the tools with water immediately after use.

## Packing & Storage

MIXCOAT AP600 is available in 20 liter pack and it shall be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per manufacturer's recommendations. In extreme tropical climate, the product shall be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life

## Health & Safety

MIXCOAT AP600 does not contain hazardous substances. As with all construction chemical products, caution shall always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Treat any contact to skin or eyes with fresh water immediately. Should material be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For details, please refer to the MSDS released on each Fab product

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Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands -on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience, climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

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