

Solvent based bituminous penetrating primer for sealing pores in substrates.

Formulated with oxidized bitumen, fast drying solvents & additives.

**IMI CONCRETE PRIMER** is a solvent-based liquid primer that greatly enhances adhesion of bituminous waterproofing membranes to substrates. The primer conforms to the requirement of ASTM D-41 TYPE 1. The solvent based primer first penetrates and then coats the concrete surface sealing pores and on drying creates a fine layer of bitumen. The fine layer allows for a superior bond between membranes and substrate.

## STANDARD

Complies with ASTM D 41 Type I

## SALIENT FEATURES

- Optimum penetration into surface pores, pin holes, cracks etc.
- Provides exceptional adhesion/bonding between membranes & substrate.

## USES

**IMI Concrete Primer** is a general primer for concrete and bricks – used as a prime coat before applying any modified bitumen membranes.

## APPLICATION

**IMI Concrete Primer** (ASTM D-41) should be well stirred prior to use. A brush or roller may be used to even apply the primer to the substrate. The primer should be 'tack-free' dry, before applying the membrane. Any area that appears lighter should be re-coated with primer. Application should be to vertical as well as horizontal surfaces.

Dependable  
Waterproofing  
Solutions



‡ TECHNICAL DATA

A liquid waterproofing product

Dependable Waterproofing Solutions

PROPERTIES	TYPICAL VALUES	METHOD OF TESTING
Colour	Black	
Furol Viscosity @ 25°C	25 – 125 sec	ASTM D 88
Brook field Viscosity @ 25°C	100 – 300 cps	In house
<b>Distillation volume % of Primer</b>		
Up to 225°C	Not < 35 %	ASTM D 402 / D244
Up to 360°C	Not > 65 %	
Density	0.85 – 0.89	ASTM D 70
Water Content	0.5 Max	ASTM D 6511 / D 95
Drying time to touch	3 Hours	In-House
Drying time through	8 – 12 Hours	In-House
Flash point	42 °C	ASTM D 92
<b>Residue obtained from distillation up to 360°C conforms to the following</b>		
Penetration @ 25°C 100 grams 5 sec	20 – 50 dmm	ASTM D 402 / ASTM D 5
Matter soluble in trichloro ethylene	Min 99 %	ASTM D 2042
Service temperature	5 °C to 50 °C	-

**COVERAGE RATE:**

Coverage will vary depending on dryness and porosity of surface and substrate 200 - 400 gms/m<sup>2</sup> coating is required to seal the pores.

**DELIVERY AND SITE HANDLING**

IMI Concrete Primer is supplied in 20 Ltr pail and 200 Ltr drums, each drum bearing the product name and manufacturing batch code.

**HEALTH & SAFETY:** The product is flammable (flash point 42°C) and should be stored in a cool place out of direct sunlight. Proper care must be taken when applying the coatings. Wear protective clothing's, gloves and goggles ensure proper ventilation if used in closed areas, keep away from source of ignition, avoid contact with skin, eyes or inhalation. In case of accidental eye contamination, rinse immediately with plenty of water and seek medical advice. Refer to product Material safety Data sheet for detailed information.

The technical data given herein are the average values obtained on the test carried out on the material.

The tests are the industry standard for this type of material and comply with the criteria stipulated in ASTM.

IMI reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to best of our knowledge is accurate and true. All recommendations are made in good faith. No responsibility can be accepted by us and no warranty is implied with regards to any of the recommendations made in the datasheet, since the condition of actual use and the labour involved are beyond our control. The products are warranted against manufacturing defects and sold subjected to IMI standard terms and condition of sale.

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‡ This technical data sheet supersedes all previous publications pertaining to this product

