

# MAXSHIELD<sup>®</sup> BM PRIMER

Solvent Based Bituminous Waterproofing Primer



Maxshield<sup>®</sup> BM Primer is a solvent based bituminous primer for waterproofing and damp-proofing. It is ideal for sealing pores in concrete surfaces before application of bituminous membranes.

It conforms to the requirement of IS: 3384-1986.

## Uses

Maxshield<sup>®</sup> BM Primer is suitable for priming bituminous, concrete and metal surfaces prior to the application of waterproofing membranes. It is suitable for applications in canal lining joints and concrete floor joints prior to pouring of the bitumen sealing compound for bonding.

## Benefits

- Great adhesion of bituminous based applications
- Seals pores in concrete surfaces
- Improves adhesion of bituminous membranes

## Technical Support

Thermax offers technical support service to specifiers, end users and contractors, as well as onsite technical locations all over the country.

## Properties

<b>Consistency</b>	Brushable & Sprayable
<b>Specific Gravity</b>	0.90
<b>Water Content</b>	0.20%
<b>Flash Point</b>	40°C
<b>Service Temperature</b>	5-50°C
<b>Setting Time at Ambient Temperature, hrs</b>	24
<b>Theoretical Coverage, ltr/m<sup>2</sup></b>	0.30

## Instructions for Use

### Surface Preparation

Thorough surface preparation is vital. For best results Thermax recommends mechanical grinding, sand blasting or other suitable method. The surface needs to be free from dust, dirt, grease and other contaminations before application.

### New Concrete Floors

Surface should be at least 28 days old before proceeding with primer application. Laitance and deposits on new

concrete floors are best removed by light grinding. For smaller areas cleaning with wire brush is also recommended.

### Old Concrete Floors

Again, mechanical cleaning methods are strongly recommended for old concrete. The surface should be thoroughly cleaned of all dust and loose debris. It is recommended that the surface is slightly textured for good adhesion.

### Application

Maxshield<sup>®</sup> BM Primer must be thoroughly mixed before use. Once mixed, the primer should be applied immediately in a thin continuous film to the clean prepared surface. Apply the primer into the surface using a brush, roller or spray. Excess application and puddling should be avoided. It is recommended that a second priming coat be applied to any dry areas. This not only helps to ensure good adhesion but also prevents air release from the porous substrate which may cause bubbles in the final water proofing coating. Any application must commence only when the primed surface is tacky.

Maxshield<sup>®</sup> BM Primer must be left to dry for 24 hours.

### Limitations

Application when temperature is less than 5°C or during foggy period must be avoided.

### Health & Safety Instructions

Maxshield<sup>®</sup> BM Primer should not come into contact with skin and eyes or be swallowed. Gloves, goggles and barrier creams should therefore be used while handling the product. Adequate ventilation should be ensured and if working is in enclosed areas, suitable breathing apparatus must be used. If the resin comes in contact with skin, it must be removed before it hardens with a resin removing cream, followed by washing with soap and water. Solvent should not be used.

Should accidental eye contamination occur with any of the above products, it should be washed well with plenty of water and medical advice should be sought. If swallowed medical attention should be sought immediately. Vomiting should not be induced.

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## Storage

When stored in cool, dry conditions, away from sources of heat and naked flames, in the original, unopened packs, the product has a shelf life of 12 months. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.

## Packing

The product comes in 20ltr packing.

## Coverage

0.3 ltr/m<sup>2</sup>

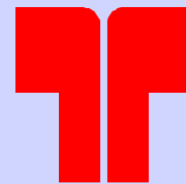
The coverage figures given are for guidance only. The actual rate depends on the absorbency and surface roughness of the substrate.

## Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

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## Thermax Business Portfolio

### Chemicals

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