

# TECFLOOR® PR Moi

Moisture Insensitive Epoxy Primer for Cementitious Substrates



Tecfloor® PR Moi is a two component epoxy based primer with good penetrating properties for concrete surfaces.

## Uses

It is suitable for priming concrete surfaces prior to the application of any of the Tecfloor® ET 2000/4000 and other range of resin based floor toppings, T-Guard® range of protective coatings Maxtreat® epoxy repair mortars.

## Benefits

- Can be applied even on damp surfaces.
- Improves the adhesion of epoxy floor toppings and mortars with the substrate.

## Technical Support

Thermax provides a countrywide technical advisory service supported by a team of specialists in the field.

## Properties

Pot Life	90 minutes @ 20°C 45-50 minutes @ 30°C
Mixed Density	1.14-1.16 gm/cc
Touch Dry	6-8 hours
Temperature Limitations	Recommended application range is 10°C - 40°C. Contact Thermax for applications outside the range of 10°C- 40°C.

## Instructions for Use

### Surface Preparation

Thorough surface preparation is vital. For best results Thermax recommends mechanical scarifying, grit blasting, sand blasting, etc. For flooring and tanking works, care must be taken to ensure that the substrate does not suffer from rising dampness. If such conditions exist, consult Thermax.

### New Concrete Floors

Shall be at least 7 days old before proceeding with primer application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical scabbling or grinding. On smaller areas thorough etching is recommended. After etching the floor, it should be thoroughly washed with clean water.

### Old Concrete Floors

Mechanical cleaning methods as described above are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred should be removed and the surface thoroughly cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water.

### Mixing

The base and hardener contents are to be transferred in to a suitable container and mixed thoroughly for 3 minutes until homogeneous, using a slow speed drill (400 - 500 rpm) fitted with a suitable mixing paddle.

### Application

Once mixed the primer should be applied immediately in a thin continuous film on to the clean prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and puddling should be avoided. On porous surfaces Tecfloor® PR Moi will be absorbed very quickly leaving characteristic light coloured dry patches. It is recommended that a second priming coat be applied to these 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 epoxy topping later.

For Tecfloor® ET 2000 / 4000 and T-Guard® coating applications, leave the Tecfloor® PR Moi to dry overnight. For Tecfloor® and Maxtreat®, allow Tecfloor® PR Moi to become tacky.

### Cleaning

All tools and equipment should be cleaned with water immediately after use. Spillages should be absorbed with sand or sawdust and disposed off in accordance with local regulations.

### Limitations

Recommended application temperature range is 10°C to 40°C. Thermax shall be consulted where application or service temperature is outside this range.

### Health & Safety Instructions

Tecfloor® PR Moi should not come into contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours.

# TECFLOOR<sup>®</sup> PR Moi

Some people are sensitive to epoxy resins, hardeners and solvents. Gloves, goggles and barrier creams should therefore be used while handling the product. Adequate ventilation should be ensured and if working 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. Fire Do not expose to naked flames or other sources of ignition. Do not smoke while handling the materials. Containers should be tightly sealed when not in use. In the event of fire, extinguish with CO<sub>2</sub> or foam type extinguishers.

## Cleaning

All tools and equipments should be cleaned with solution immediately after use. Spillages should be absorbed with sand or sawdust and disposed off in accordance with local regulations

## Storage

Tecfloor<sup>®</sup> PR Moi has a shelf life of 6 months when stored in unopened containers under normal warehouse conditions.

## Packing

Tecfloor<sup>®</sup> PR Moi is available in 1 and 4 litre packs.

## Coverage

Approximate coverage rate: 5.5-6.0 m<sup>2</sup>/ltr

The coverage depends on substrate conditions.

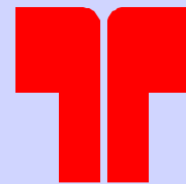
Over vacuum dewatered floors finished with power trowels, after surface preparation, coverage of Tecfloor<sup>®</sup> PR Moi may exceed for the above values.

## Other Segments:

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

**Disclaimer:** The information contained in this document is true and accurate to the best of our knowledge and is based on our experience & test results. It is always the Company's endeavor to give true and accurate information however as it does not have any direct and/or continuing control on the use of the Products, the Company cannot accept any liability, direct or indirect as a consequence of the use of Products. In the event of any doubt upon any critical parameter it is advisable to seek clarification from our technical representative.

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**THERMAX**

Thermax Limited  
Environment House, Plot No.90-92  
BG Block, MIDC, Bhosari,  
Pune 411 026, India.  
Tel: +91-20-67156000  
Fax: +91-20-27120206  
Customer Care: 18002090115 (India  
toll free)  
Email : [enquiry@thermaxglobal.com](mailto:enquiry@thermaxglobal.com)

Ahmedabad

Tel: +91-79-26575408 • Fax: +91-79-65577270

Bengaluru

Tel: +91-80-22371721 • Fax: +91-80-22371726

Chennai

Tel: +91-44-24303400 • Fax: +91-44-24353841

Delhi

Tel: +91-11-46087200 • Fax: +91-11-26145311

Hyderabad

Tel: +91-40-23253700 • Fax: +91-40-23253799

Kolkata

Tel: +91-33-66070800 • Fax: +91-33-66070999

Mumbai

Tel: +91-22-67542222 • Fax: +91-22-22040859

Thermax World-wide

UK, USA, UAE, Germany, Belgium, Denmark,  
Russia, Saudi Arabia, Thailand, Malaysia,  
Bangladesh, Sri Lanka, China, Philippines,  
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