

CI/SfB	(43)	Vn6
CAW J30		
Uniclass L68122:P7102		
January 2009		

# Rapide DPM Primer

## Damp Tolerant Primer for Flooring Systems

### KEY BENEFITS SUMMARY

- Fast curing primer which cures in approximately 30 minutes
- Suitable for application on to damp substrates
- Can be applied at temperatures as low as -10°C
- Quick and easy to apply

### PRODUCT INFORMATION

#### Description

Tremco Rapide DPM Primer is a two component, low viscosity damp tolerant primer for Tremco Rapide Flooring Systems. May also be used beneath the Tremco range of floor screeds - please contact for advice.

#### Usage / Purpose

Tremco Rapide DPM Primer is suitable for:

- concrete and most other porous substrates

It is recommended that curing and adhesion tests are conducted prior to use on site.

#### LIMITATIONS

- Must be used neat, do not dilute.
- Not suitable for metal substrates, ceramic tiles, terrazzo tiles, etc., use Tremco Rapide Primer No. 51.

#### Colour

Colourless

#### Packaging

Tremco Rapide DPM Primer:  
50 kg drums

Tremco Rapide Initiator:  
2kg boxes

#### Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details).

#### TECHNICAL INFORMATION

##### Composition

Tremco Rapide DPM Primer is a low viscosity, colourless, two component reaction resin based on methyl methacrylate.

##### Characteristics (Typical Values)

VISCOSITY (DIN 53214 at +25°C)  
approximately 120 mPa s

DENSITY (DIN 51757 at +25°C)  
0.99 g/cm<sup>3</sup>

POT LIFE/APPLICATION WINDOW (at 20°C)  
Approximately 15 minutes

CURING TIME (at +20°C)  
Approximately 30 minutes

FLASH POINT (ISO 1516)  
+11.5°C

#### USAGE GUIDELINES

##### Standards

For flooring applications, all aspects of the installation must be in accordance with the requirements of BS8204 and supplementary specifications.

##### Design Considerations

The most appropriate Tremco Rapide System is determined by assessing the condition of the substrate and the environmental conditions (eg. type and nature of traffic, spillages, cleaning requirements, etc.); therefore, it is essential that a Tremco illbruck Technical Sales Representative conduct an onsite survey to determine correct specification.

#### Site Preparation

- The concrete substrate must be to the correct specification for the Tremco Rapide application.
- In the interest of all parties, Tremco illbruck should be consulted at the design stage and it is recommended that a Tremco illbruck Technical Sales Representative should attend the site to confirm the specified standard.

#### Moisture Testing

(In Accordance with BS 8203)

- Hygrometer readings must be taken and recorded so that the correct Tremco Rapide System can be selected.
- Concrete curing compounds and over trowelled concrete will extend the time taken for the hygrometer to reach equilibrium.
- Subfloor measurement readings of up to 97% RH (measurable) can be accommodated with the System.

#### Surface Preparation

- The surface must be smooth, dry, firm and free of dust, fat and oil and any other contaminants liable to prevent adhesion to the substrate.
- The concrete must be mechanically prepared, in most situations the shot blasting method is preferred.
- For further details see our general preparation and application guidelines for Tremco Rapide surface protection systems.

# Rapide DPM Primer

## Method of Application

- Tremco Rapide DPM Primer must be stirred well to achieve an even diluent distribution. Then the Tremco Rapide Initiator should be mixed thoroughly into Tremco Rapide DPM Primer using a slow speed drill and paddle, see Addition of Initiator table for dosage rates.
- The mixed material can then be poured onto the floor in ribbons and spread on the surface using a short pile roller. For larger areas a notched rubber squeegee may be used to speed application.
- Highly absorbent surfaces may require additional applications. Priming should continue until a dry closed film is achieved. Two coats may be required on concrete with high moisture content - please contact for advice.
- Apply Tremco Rapide No. 7 or No. 8 Sand - Natural (particle size 0.7-1.2 mm or 0.3-0.7 mm) into the still wet primer at a rate of approximately 2.25 kg/m<sup>2</sup> - specification dependant.
- For further details see our general preparation and application guidelines for Tremco Rapide systems.

## Dosage Chart

A typical addition rate for 20°C or below is 2% addition of initiator by weight of the resin. For temperatures above 20°C, please contact Tremco illbruck Technical Services.

## Coverage Rate

Typically 0.3-0.5 kg/m<sup>2</sup> per coat - specification dependant.

## Health & Safety Precautions

Product Health and Safety Data Sheets must be read and understood before use.

## Storage

Store in dry, shaded conditions between +5°C and +25°C.

## Shelf Life

6 months when stored as recommended in original unopened containers. packaging.

## Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

## Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.