



IMPERVIOUS WATERPROOFING®

TECHNICAL DATA SHEET

IMPEPRIME™ DPM

IMPEPRIME™ DPM is a two-component, water based, epoxy coating, specially formulated for use in a 1:1 by volume ratio. This allows the user to consume even the smallest quantities and store the material for future needs.

APPLICATION

Mix the two components well manually or using a low speed (300 rpm) mixer.

Ensure each successive has completely cured prior to application of the next coat. Recoat time cannot be determined in terms of hours since it is highly dependent on weather conditions: It can be as low as 2 hours during summer and as high as 24 hours during winter. Use the following rule of thumb to determine when recoating should take place. Recoat (with Impeprime™ DPM or IMPETHANE®) when material has hardened to the degree where it can no longer be punctured by finger nail.

- Do not exceed the stated consumption numbers, as this will affect adversely its adhesion and durability.
- Pot life of mixture is 1-hour maximum at 25°C / 77°F
- Do not apply when temperature is below 12°C / 53.6°F
- Hot concrete should be wetted before application.

This product can be applied using roller, brush or airless spray machine



✓ FEATURES & BENEFITS

- 1:1 By volume application ratio
- Quick curing even at low temperatures
- Low odour, safe & non-flammable (zero VOC)
- Suitable for application in closed spaces
- Easy clean up
- Strong adhesion on damp or green concrete. Also on Iron, Galvanized Steel, Aluminium, Glass & Wood
- Good Mechanical Properties and Abrasion Resistance
- Easy Colouring with Water-based Pigments
- Visible Pot-life

MINIMUM CONSUMPTION RATES



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APPLY IN 2-3 COATS WITH MINIMUM CONSUMPTION:

AS PRIMER: 200G/M2
AS DPM: 600G/M2

PACKAGING



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• **8KG KITS**

APPLICATION FIELDS

- Primer for IMPETHANE™ range of polyurethane dispersion products as well as IMPETHANE® and IMPEFLOOR™ Epoxy range.
- Primer when humidity barrier properties are required
- Sealing coat for concrete,
- Adhesive layer between old and new concrete.
- Anti-Dust floor coating
- Protective coating for old metal based structures.

COLOUR: Milky White

STORAGE: Store in a dry place, with temperatures between 5°C and 35°C / 41°F and 95°F

SHELF LIFE: 12 months.

IN LIQUID FORM

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield) of mixed product	cP	ASTM D2196-86, @ 25 °C	100
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 °C	1.0
Mixing ratio	A:B, by volume	-	1:1
Tack free time, @ 77 °F (25 °C) & 55% RH	hours	-	3-5
Full cure	days	-	3
Recoat time	-	-	When material has hardened to the degree where it can no longer be punctured by finger nail
Pot life	hours	-	1 @ 25 °C

IN CURED FORM

PROPERTY	UNITS	METHOD	SPECIFICATION
Service temperature	°C	-	10-40
Adhesion to concrete	kg/cm ² (N/mm ²)	ASTM D4541	> 30 (> 3)
Resistance to friction	Gr	ASTM D4541 (Taber 503, CS17, 1.0 kg, 1,000 revs.)	120 * 10 ⁻³

SAFETY INFORMATION:

IMPEPRIME™ DPM IS FREE OF SOLVENTS. NEVERTHELESS, YOU ARE ADVISED TO OBSERVE THE STANDARD SAFETY RULES: APPLY IN WELL-VENTILATED, NO SMOKING AREAS, AWAY FROM NAKED FLAMES. IN CLOSED SPACES USE VENTILATORS AND CARBON ACTIVE MASKS. THE M.S.D.S. (MATERIAL SAFETY DATA SHEET) IS AVAILABLE ON REQUEST.



IMPERVIOUS WATERPROOFING®

WORLD-LEADING POLYURETHANE LIQUID WATERPROOFING

Visit our website to view product application guides and data sheets for our full range of products.

COMPANY DETAILS

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