

DUROMASTIC P15 DIAMOND

MODIFIED URETHANE MEMBRANE FOR UNDER TILE
WATERPROOFING

AS4858:2004 & AS3740:2010 – CLASS III



DESCRIPTION

Duromastic P15 DIAMOND is a polyurethane modified copolymer acrylic waterproofing membrane specifically formulated for bathrooms, laundries, balconies, terraces and other wet areas. Use Duromastic P15 DIAMOND prior to installing mortar beds, render or tiling. The membrane forms a grey coloured water resistant elastomeric film with excellent durability.

FEATURES

- Water based. Non-hazardous and non – flammable
- Compatible with polymer modified tile adhesives
- Paintable with acrylic coatings
- Complies with the requirements of AS4858 Class III and AS3740
- Extends to over 500%
- Application by brush, or roller (10-12mm nap)
- Easy clean-up with water (while wet)

USE AREA

- Internal & External Wet Areas
- Balconies & Decks
- Bathrooms, Kitchens, Laundries
- Roof Areas(non exposed)
- planter boxes
- Water retaining structures
- Ponds & water features

TECHNICAL INFORMATION

Drying Time	1 – 2 hours touch dry
Coverage	2 x coats at a total minimum coverage of 1.5litre/m ²
Elongation at break	Over 500%
Recoat Time at 25°C, 50% R.H.	2 – 4 hours
Full Cure at 25°C, 50% R.H.	3 days
Minimum screed & Tiling time at 25°C, 50% R.H.	24 hours
Colour	Grey, Blue and black

Available in fibre reinforced grade

Coverage minimum recommended 1.0 Litre/m² per coat, applied as 2 or more coats. This will give a recommended dry film thickness of 1.1mm total.

PACKAGING

- 4 Litre
- 15 Litre



SURFACE

- Concrete and concrete blockwork
- Masonry, brick
- Fibrous cement sheeting

PRIMING

High Moisture dampereRenders, Screeds and substrates: Apply 1 coat of Duromix WB Hibuild as a primer in accordance with Product Data Sheet to the prepared substrate.

Concrete Water Tanks: Apply 2 coats of Duromix WB Hibuild as a primer in accordance with Product Data Sheet to the prepared substrate.

APPLICATION

Do not apply externally if rain is expected presently. Do not apply below 10°C or above 30°C externally. Ensure that the primer coat is completely dry. Apply evenly and check for missed areas and pin-holes. Apply further coats from cross directions after 4 to 6 hours. Do not apply as one coat. Apply down into drainage outlets. Use reinforcing fabric over expansion joints, cracks, all wall and floor junctions, and pipe penetrations. Apply this by first brushing out a layer of membrane (1-2 mm), next lay in the fabric and ensure there are no air bubbles, and the fabric is fully set in without wrinkles. Then brush over with more membrane. Good air flow and warmth will speed drying.

APPLICATION RATES

Use Area	Wet Film Thickness (per coat)	Coats Required	Dry Film Thickness
Wet Area Walls	1.0mm	1	0.6mm
Wet Area Floors	0.8mm	2	1.0mm
External Areas	0.8mm	2	1.0mm
Water Tanks	1.0mm	2	1.2mm

PREPARATION

Remove dirt, dust, loose particles, old adhesives and coatings, grime and unsound concrete. Where possible wash down oily, dirt contaminated, or powdery surfaces with dilute detergent, then rinse and dry thoroughly. Allow new concrete and render to fully cure. Ensure all sheeting and surfaces are dry, stable, sound and fully secured. Fix any rising damp problems beforehand. For timber floor surfaces use fibre cement sheeting as a replacement or cover. Remove or flatten all sharp concrete edges, mortar droppings, screw and nail heads. Prime wall and floor surfaces with Durotech Waterproofing Primer. Etch PVC fittings with plumbers PVC primer. For larger cracks, expansion joints, floor and pipe penetrations wall or hob junctions, seal neatly with neutral cure silicone sealant (smooth curved 12mm bead), and when cured apply membrane fabric reinforcement as explained below.

CLEAN UP

Before drying, clean up with water. Scrape off when dry or use paint stripper for spot removal.

SHELF LIFE

12 months at 20°C in original unopened containers. Protect from freezing

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