

DURO MASTIC™ P15

AS4858:2004 & AS3740:2004 compliant - CLASS III

Modified Acrylic Urethane Membrane for under tile waterproofing

*DURO MASTIC™ P15 membrane is a modified acrylic urethane membrane. This membrane has been formulated to create a tenacious bond to most surfaces. DURO MASTIC™ P15 is a tough flexible waterproof membrane with a high film strength, and exceptional elongation and elasticity, that will expand and contract under normal substrate movement. It is supplied as a thixotropic liquid, which is easily applied to both vertical and horizontal surfaces. The formulation is fully optimised to ensure quick tack free time, fast cure, high solids, excellent chemical resistance. It fully complies with the test requirements of **AS:4858-2004** and **AS:3740:2004** “Waterproofing of Wet Areas within residential buildings”*

PRINCIPLE CHARACTERISTICS

- Single component
- Water based
- Excellent water resistance
- High Solids
- Ease of application – brush / roller
- Tenacious bond
- Suitable for most substrates
- High tensile film strength & elongation
- Does not bleed or leach
- Low VOC

USE AREAS

- Internal Wet Areas and Shower Recesses
- External Balconies and Decks
- Tanking
- Roofs- topcoat with DURO MASTIC™ AC (UV coating) or DURO MASTIC™ Non Slip
- Water Features



PACKAGING

- 15 Litre
- 4Litre

GENERAL

Colour	Grey or Green
Weather Resistance	Good
Dry Time	2-4 hours @ 25°C
Recoat Time	4-6 hours @ 25
Floor Coverage	Min 2 coats, each @ 1.0 litre/m ² [0.5m ² /litre]
Wall Coverage	Min 2 coats, each @ 0.5 litre/m ² [.25m ² /litre]
Wet Film per coat	1.0mm
Wall Coverage	1.2 mm (Class III)
Dry Film Thickness	1.2mm total (Class III)
Elongation	800% + @25°C
Solids Content	61% by volume
Shelf Life	12 months in unopened containers @ 20°C

INSTALLATION

SURFACE PREPARATION

Ensure linings are firmly fixed to manufacturer's directions. Surface must be free of dirt, dust, loose particles, oil, contaminants and curing compounds etc. Concrete must be a minimum strength of 20mpa and have cured a minimum of 28 days. Surface must be dry. Fill all screw holes, cracks and voids with neutral-cure silicone*. Install leak control flanges to all pipe penetrations.

PRIMING

Prime fibre cement board, sound concrete and block work with **DUROTECH ARW** internally. For external applications prime with **Durotech AR Sealer** applied at approx. 6m²/litre. Damp areas and areas subject to rising damp should be sealed with **DUROMIX™ WBE**. Allow primer to dry prior to membrane application. All PVC fittings to be etch primed.

DETAILING

Apply a 12mm fillet of neutral cure silicone between all horizontal and vertical junctions such as floor to wall, wall to wall, all hob junctions and any joints in the substrate. Apply neutral cure silicone around penetrations and outlets. Where angles are installed, such as across bathroom doorways or under shower screens (hobless showers), the angle must be firmly adhered. Joints, corners & other details shall be reinforced with polyester bandage which must be fully wetted out with out wrinkles or bubbles. Alternatively, Duro Flashing Tape may be used

APPLICATION

To the primed surfaces, apply **DURO MASTIC™ P15** by brush or roller in at least two or more coats to achieve a minimum dry film thickness of 1.2mm.

Turn membrane up to walls, penetrations and down into drainage outlets. When dry, check for pinholes and recoat if necessary. If membrane becomes dirty or damaged between coats, clean with water and recoat. All sheet flooring must be fixed according to the manufacturer's directions before membrane, is applied. Do not apply above 30° C or below 10°C ambient.

FLOOD TEST & TILING

A flood test may be carried out after 72 hours of drying, @25°C, 50% R.H. Water shall cover to a depth of 25mm for approximately 2 hours. **DURO MASTIC™ P15** may be tiled over after 3-4 days @ 25°C & 50% R.H., using approved **Durohesive™** range of tile adhesives to comply with AS 3958.1.

CLEANING

DURO MASTIC™ P15 may be cleaned from equipment with water when still wet.

PRECAUTIONS

Refer Durotech MSDS prior to use.

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The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed providing that it is applied in accordance with the manufacturer's instructions as stated in this data sheet and any relevant Standard or Code and provided that the building and installation is structurally sound. Durotech terms and conditions of sale apply.