

DURO MASTIC™ ACS Fibre

**Complies with AS/NZS4858: 2004
Fibre Reinforced Class III Membrane**

DURO MASTIC™ACS Fibre is a liquid applied co-polymer membrane containing a fibrous filament reinforcing. When fully cured **DURO MASTIC™ACS Fibre** forms a flexible waterproof lining, tested to Class III, **AS:4858-2004 "Wet Area Membranes"** and **AS:3740-2004 "Waterproofing of wet areas within residential buildings"**.

DURO MASTIC™ACS Fibre forms a waterproof lining to most building materials including reinforced concrete, cement render, water resistant plasterboard and compressed cement sheeting, etc. The surface must be fixed according to the manufacturers directions, free of protrusions, dirt, oil and other contaminants. The surface must be dry.

PRINCIPLE CHARACTERISTICS

- Simple application - single pack, water based, pre mixed
- Fast curing
- Reinforcement free application
- Flexible
- Environmentally friendly

USE AREAS

- Under tile waterproofing
- Shower trays and wet areas
- Decks and balconies

PACKAGING

- 15 Litre
- 4 Litre

CLEAN UP

- Clean up with fresh water before dry.

GENERAL

Colour	Grey
Weather resistance	Good
Touch Dry	2-4 hours @ 25°C
Recoat	4-6 hours @ 25°C
Coverage	Min 2 coats, each @1 litre/m ² [1m ² /Litre]
Wet Film per coat	1.0mm
Dry Film Thickness	1.2mm min. total
Elongation	>300% @25°C
Moisture Vapour Transfer	2.04g/m ² /24hr
Solids Content	61% by volume
Shelf Life	12 months in unopened container @20°C



APPLICATION

NOTE: Floor wastes in concrete should be cut to floor level with no up stands. For sheet flooring, leak control flanges shall be fitted by the plumber to allow water to drain down into the waste pipe. These shall be etched primed.

Step 1: Remove all dirt, dust, plaster droppings, protrusions, oil and contamination. Fill screw holes, with Neutral Cure Sealant.

Step 2: To joints in sheet flooring, wall/floor junctions wall/wall junctions and all hob junctions, apply 5mm neutral-cure silicone sealant as a bond breaker. Vertical joints should extend 75-100mm from floor and to finish 50mm above F.F.H (e.g. top of tiles)
Apply sealant around floor penetrations, tap flanges and other protrusions.

Step 3: Priming: Concrete Render, CFC, timber and Plaster board.
Prime internal substrates with **DUROTECH ARW** Sealer.
Prime external substrates with **DUROTECH AR** Sealer, or **DUROMIX™ WBE** for damp surfaces at the rate of 4 - 6 m²/Ltr.

Step 4: Cracks, fixings and sheet flooring joints: Shall be routed out and filled with neutral cure silicone sealant. Bond breaker tape may be utilized.

Step 5: Apply a coat of **DURO MASTIC™ ACS Fibre** to all coved areas and over all sealed penetrations. When dry, apply two or more coats of Duro Mastic™ ACS Fibre to floor and coved areas to a minimum dry film thickness of 1.2mm. Within shower area, walls shall be coated to finish 50mm above shower rose. Ensure the membrane is turned down into the floor waste or well sealed around leak control flange. Check for pinholes or misses when dry and recoat if necessary.

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™ ACS Fibre may be tiled over after 3-4 days @25°C, 50% R.H., using a quality cement based tile adhesive installed as per AS 3958.1.

PRECAUTIONS

All sheet flooring must be fixed to the manufacturers directions before membrane is applied. Do not apply above 30°C or below 10°C ambient. Ensure coating is fully cured before contact with water or tiling, assist drying with air movement if necessary. Wash equipment with water before dry. Protect membrane against damage when tiling. External decks shall be positively drained. Do not expose to solvents.

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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.