

# DURO MASTIC™ ACS FIBRE

FIBRE REINFORCED CLASS III MEMBRANE



## DESCRIPTION

**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.

## FEATURES

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

## USE AREA

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

## PACKAGING

- 15 Litre
- 4 Litre

## TECHNICAL INFORMATION

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

## CLEAN UP

- Clean up with fresh water before dry.





## APPLICATION

**NOTE:** Floor wastes in concrete should be cut to floor level with no up-stands. For sheet flooring, leak control flanges should be fitted and be recessed, flush with the substrate. All PVC fittings, shall be etch 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 DURETECH ARW Sealer

Prime external substrates with DURETECH AR Sealer, or DUROMIX™ WBE for damp surfaces at the rate of 4 - 6 m<sup>2</sup>/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 covered areas and over all sealed penetrations. When dry, apply two or more coats of Duro Mastic™ ACS Fibre to floor and covered 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 manufacturer's 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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