

# DUROTECH 007FC

## SBR FAST CURE MEMBRANE



### DESCRIPTION

SBR FAST CURE WPM is a Class 3 fast curing water-based and micro-fibre reinforced SBR based waterproofing membrane which provides excellent flexibility and crack bridging capability. It is a 2-coat system, to be applied over primed "porous and non-porous" substrates for internal and external under tile applications.

### FEATURES AND BENEFITS

- Fast drying. Recoat in 2 hours @ 22°C & 50% RH
- Flood test after 24 hours @ 22°C & 50% RH
- Can be tiled over after 4-6 hours @ 22°C & 50% RH in non-critical areas
- Class III, high elasticity as per AS/NZS 4858 Wet Area Membranes
- Water-based, pre-mixed -ready and easy to use and easy clean up
- Environmentally friendly –LOW VOC and free of respirable silica
- For commercial and residential internal/external wet areas, balconies, decks and other areas that will be tiled over

### USE AREA

- As a waterproofing membrane under tile to internal wet area shower, bathroom, kitchen, laundry and toilet areas when installed according to AS/NZ 3740
- Suitable for concrete; cement rendered masonry; FC sheeting; water resistant plasterboard; and structural plywood (Type A Stamped "PAA JAS-ANZ" to AS/NZS 2269- 2004) substrates

### TECHNICAL DATA

<b>Appearance</b>	Heavy thick and high viscous liquid membrane
<b>Odour</b>	mild
<b>Solid content (weight)</b>	68%
<b>Solid content (volume)</b>	60%
<b>Density</b>	1.28 kg/li
<b>Dry to handle per coat (@22°C / 50% RH)</b>	60 minutes
<b>Recoat time per coat (@22°C / 50% RH)</b>	2-3 hours
<b>VOC (calculated)</b>	0.344 g/l
<b>Shore "A" hardness</b>	Approx. 60
<b>Elongation</b>	350%
<b>Tensile Strength</b>	≥ 1.0 MPa
<b>WVTR (ASTM E 96 Inverted Wet Cup method)</b>	3.530 g/m <sup>2</sup> 24hr
<b>%H<sub>2</sub>O absorbed after 24 hrs</b>	0.941%
<b>Membrane Rating</b>	Class 3
<b>Flammability</b>	Non-flammable

### LIMITATIONS

- Not to be used directly to impervious or non-porous substrates.
- Not suitable for permanent immersed conditions such as pools, spas, and ponds.
- Can not be used as exposed trafficable exterior membrane.
- Can not be applied over damp or wet substrates.
- Not suitable for negative head of water pressure.



## PACKAGING

Available in a 4L, 15L pail

## COLOURS

Blue

## PRODUCT INFORMATION

Coverage rate will depend on the porosity of the substrate. Two coats are recommended to get the optimum performance

For floors:

A minimum dry film thickness of 1 mm after 2 coats is required. 15 litres will cover 8.9 sq. meter (based on two coats)

For walls:

A minimum dry film thickness of 0.6 mm after 2 coats is required. 15 Litres pail will cover approximately 14.8 sq. m (based on two coats).

## SURFACE PREPARATION

- Surfaces must be clean, dry and free from voids, laitance, grease, oil, wax, curing compounds, coatings, adhesive residues or any loose contaminating material.
- New Concrete substrates and render must have a wood float finish and be allowed to cure for a minimum of 28 days. Concrete substrates must not contain moisture greater than 4.5%. Use Tramex CME 4 Moisture Meter. Additional concrete testing maybe be required depending on concrete construction and jobsite location. 2 coats of 2K Moisture barrier primer must be used to seal concrete slabs subject to a hydrostatic head of pressure from the negative side. Moisture Barrier primer must be clean, dry and smooth immediately prior to membrane application.
- Sand & cement screeds and polymer modified renders must have cured for a minimum 7 days. A High alkaline resistant primer/sealer is recommended to prime over screed prior to membrane application.
- A reactive mineral primer/sealer like DuroPrime CMP must be applied as a primer coat on all applications to porous or semi porous cementitious substrates.
- Glazed ceramic tiles, Dry rigid plastic & metallic non-porous substrates shall be lightly abraded and then cleaned. Non-Porous Substrates primer like SSP Pro must be applied as primer coat.

Membranes should not be applied until substrates suitability has been assessed and all preparation steps have been completed.

## MIX PREPARATION

It is a premix product and ready to use.

However, if products have been stored longer, condensation may occur. Stir contents thoroughly before and during use.

## APPLICATION

Apply membrane according to the recommended coverage rate with paintbrush or roller. Allow the first coat to dry for a minimum of 2 hours and a maximum of 6 hours, at temperatures of 22°C and above but below 35°C before recoating. Longer drying times will be required at lower temperatures. Drying times will vary depending on humidity, surface temperature and porosity of substrates.

## CLEAN-UP & RETURN TO SERVICE

Water can be used to clean up excess product, spills and tools while product is wet. When fully cured, tools and spills can be only removed mechanically.

## HEALTH & SAFETY PRECAUTIONS

- SBR Fast Cure WPM is a non-hazardous and non-dangerous product.
- The Safety Data Sheet (SDS) must be read and understood prior to use.

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