

TECHNICAL DATA SHEET

WATERPROOF MEMBRANE



ECOTONE
Colour for life

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ECOTONE Waterproof Membrane

A weather and water resistant, elastomeric coating with a satin finish.

ECOTONE Waterproof Membrane is formulated with pure acrylic resins to provide a highly elastic waterproof protective barrier to exterior and interior surfaces. Designed to perform under full weather exposure and is abrasion resistant.

Product Properties:

- Elastomeric – stretches to allow surface movement
- Waterproof
- Resistant to algae, mould, and fungal growth
- Long term durability
- Superior adhesion to a wide range of substrates
- Single pack
- Can be reinforced
- Water based
- Highly resistant to alkalinity, salts, and acidity

Uses and Suitable Surfaces:

ECOTONE Waterproof Membrane can be used where a waterproof coating is required on exterior and interior masonry, concrete, fibre cement sheeting and timber. It may also be applied over conventional paints, other ECOTONE products, plastic, metal etc (preparatory coats may be required).

Bare interior surfaces may also be sealed including cement render, bagging, cement and clay brick/block, concrete, stone, timber (clear acrylic sealer will not prevent tannin bleeding) and Hebel (AAC).

Product Characteristics:

Application Method	Brush, roller or spray.	Clean Up	Clean equipment with water
Colour	White or can be tinted to a range of colours spanning from white, pastel to mid tones	Dry Film Thickness Per Coat	125-160 microns
Flash Point	N/A	Packaging	15L Pails
Solids	31% by weight	Specific Gravity	1.42
Thinning	Not recommended	VOC	39.62 grams per litre
Volume Solids	58% by weight	Wet Film Thickness Per Coat	250-275 microns

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Surface Preparation:

The surface to be coated must be clean and dry. Ensure the surface is free from contaminants including grease, oil, flaking paint, laitance, efflorescence, mould and any powdery or loose material. New concrete should be allowed at least 21 days cure prior to coating. All visible cracks, holes, etc. exceeding 2mm must be repaired prior to application.

Application Instructions:

The performance of this product is dependent upon correct preparation and application. We recommend application by a contractor familiar with film thickness measurement and delivery and a site sample/reference area be prepared before proceeding to application.

Application Conditions:

Air Temperature	Min 10°C Max 35°C
Surface Temperature	Min 10°C Max 35°C
Humidity	85%RH

Stir thoroughly before use. Application is by brush, roller or airless spray. The first coat should be diluted on highly porous surfaces.

Brush: Lay on the first layer generally then finish by brushing in one direction only. Similarly lay on the second layer then finish by brushing in one direction only but at right angles to the first coat.

Roller: Roll an even film over the surface maintaining a wet edge and that the roller is also kept wet. Stop and start as much as possible at joints in the formwork or at expansion joints. Do not roll over material that has begun to set as this can cause an uneven appearance in the finished job. Different rollers will create different textures.

Spray: With an airless spray. Equipment must be capable of delivering 3000 psi fluid pressure at a ratio of 30:1. A nozzle tip of 0.031 inches is recommended, however different sized tips can be used to create different textures.

Drying Times at 50 Microns

Temperature	Humidity	Touch Dry	Recoat (min)	Recoat (max)
15°C	50%	4 Hours	1 Day	N/A
20°C	50%	3 Hours	12 Hours	N/A
25°C	50%	2 Hours	12 Hours	N/A
Full Cure	7 Days			

CAUTION: Application of ECOTONE Waterproof Membrane is to be carried out at temperatures above 10°C and below 30°C.

Coverage:

Approximately 4m² per litre on vertical surfaces. On exposed horizontal surfaces application at 2m² per litre or of additional coats is recommended for additional protection. Allow the first coat to dry completely before applying subsequent coats. Apply a minimum of two coats if product is exposed to weather.

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Typical Surface Systems:

For masonry, concrete, render, brick, block, and stone apply ECOTONE WP Membrane Primer as first coat. ECOTONE Waterproof Membrane as the second and third coat.

Safety Instructions and Storage:

Minimise contact by using protective clothing and avoid ingestion or eye contact. Ensure adequate ventilation during use. Keep out of reach of children. No special storage requirement as the product is not hazardous, we recommend to store product in a sealed container in a cool dry area. Avoid storing in hot conditions (above 30°C) for extended periods.

Maintenance:

Regular cleaning with soft brush or low-pressure washing is advised. For localised marking a soft lint free cloth with warm soapy water may be used. Rinse afterward.

Environment:

VOC for this product: 39.62 grams per litre.

APAS target level: 65 grams per litre (Exterior Semi-Gloss). (Australian Paint Approval Scheme compliance level).

This product is intended for use by professional applicators in accordance with the advice given on this sheet, the Safety Data Sheet (SDS) and the container(s) and should not be used without reference to the SDS.

For any clarifications or further information on this Technical Data Sheet or any other ECOTONE products please contact our ECOTONE team on 1300 ECOTONE (1300 326866) or info@ecotonecoatings.com.