

ENVELON 3000 GLOSS MEMBRANE

DESCRIPTION:	An internally plasticised, high build, high solids, waterbased acrylic copolymer of heavy viscosity.
FINISH	Semi-gloss
COLOUR	White – may be tinted by special order.
USE	As a heavy duty protective membrane where permanent flexibility is required and is serviceable for both internal and external application.
APPLICATION AREA	<ul style="list-style-type: none">• Where a permanent flexible and highly water resistant skin is required which will allow for normal structural movement in buildings – both walls and roofing.• For application to wall and facades, on either concrete or plaster to cover sealing defects encountered as a result of ageing.• For topcoating of polyurethane or polystyrene foam insulation.
PROPERTIES & PERFORMANCE	<p>WEATHERING: Excellent. For ultimate results may be topcoated with ENVELON High Gloss Acrylic Finish.</p> <p>SOLVENT RESISTANCE: Good environmental resistance. Avoid areas of splash, spillage etc.</p> <p>CHEMICAL RESISTANCE: Good. Resists most chemical environments.</p> <p>ABRASION RESISTANCE: Good. Resilient membrane.</p> <p>WATER: Very good water resistance once film is fully cured. Not recommended for use in swimming pools.</p> <p>TEMPERATURE: Application range 10°C - 30°C film service range 0°C - 90°C cured. Minimum film forming temperature 1°C.</p> <p>FLEXIBILITY: Very Good throughout film service temperature range.</p>
TECHNICAL DATA:	<p>SOLIDS CONTENT: 62% volumetric solids.</p> <p>RECOMMENDED COVERAGE: 24.8m² @ 25 microns</p> <p>RECOMMENDED FILM BUILD: Minimum dry film thickness 600 microns.</p> <p>DRYING TIME: To touch 30 minutes – 1hour. Recoat 2-4 hours. Figures quoted are based on optimum drying conditions - 25°C. Low temperatures and/or high humidity will greatly reduce drying efficiency. In normal conditions 16 hours of drying to attain water resistance and 7 days drying to attain hardness and resistance properties.</p> <p>APPLICATION METHOD: Brush, roller or airless spray.</p> <p>THINNING: Use clean water in moderation.</p> <p>SHELF LIFE: Excellent long term storage in unopened containers under proper conditions.</p> <p>HANDLING: Non Flammable. Adopt normal painting precautions</p> <p>PACKAGING: Available in 4 litre and 20 litre containers</p>

SURFACE PREPARATION: STEEL & GALVANISED IRON: All surfaces must be free from grease, oil, rust and flaking material and must be dry. Areas of rust should be treated suitably by either blasting or wire brush power tool then coated with ENVELON MULTIPRIME and allowed to dry. New surfaces must be thoroughly degreased using ENVELON DEGREASING THINNERS, making sure all trace of oil has been removed.
MASONARY SURFACES: Concrete surfaces should be cured for 28 days. All dirt or contaminant should be removed by stiff brushing or water blasting. Acid etching or light blasting may be required to provide a suitable surface profile for adequate adhesion. Porous surfaces should be primed with ENVELON 2000 ACRYLIC PRIMER.

APPLICATION: ENVELON 3000 IS THIXOTROPIC. Stir contents thoroughly till smooth.
ROLLER: Select the type of roller for surface finish required.
BRUSHING: Use a wide soft nylon brush (or similar type). Thin the first coat to assist penetration. Apply each coat at right angles to preceding coat to ensure adequate and even coverage.
SPRAYING: ENVELON 3000 can be applied by either conventional pressure spraying equipment or airless spray. Most efficient application will be achieved with airless equipment. Typical equipment would include a 40:1 pump ratio with a fluid tip of 450 – 500 microns. Adjust pressures to suit application. Apply wet coats overlapping 50% holding gun approximately 500 mm from surface. Inspect and check thickness regularly and at random.

WHERE MORE SPECIFIC DETAILS ARE REQUIRED RELATING TO THE APPLICATION OF THIS PRODUCT, CONTACT SHOULD BE MADE WITH DOMINION PLASTIC INDUSTRIES OR AN APPROVED AGENT OR APPLICATOR.

PRECAUTIONS: -Do not apply to surface for the collection of drinking water, as tainting may occur.
-Do not apply when rain is expected or when temperatures could fall below 0°C during the drying cycle.
-Do not apply to loose or powdery surfaces.

SAFETY: Ensure adequate ventilation during use and sufficient air flow for the comfort of operator. Spray painters using this product should comply with State and Federal regulations.

IN BRIEF:	NUMBER OF COMPONENTS	- one
	COLOUR	- white
	THINNING	- clean water
	METHOD OF APPLICATION	- brush, roller or spray
	APPLY OVER	- suitably prepared surface
	DRYING TIME	- see text
	SOLIDS CONTENT	- 62% volumetric
	THEORETICAL COVERAGE	- 24.8 m ² /ltr @ 25um
	RECOMMENDED THICKNESS	- 400 um minimum
	PACKAGING	- 4 litre & 20 litre