

## TECHNICAL DATA SHEET FOR

**POLYMERIC MEMBRANE UNDERCOAT**

<b>DESCRIPTION</b>	:	Polymeric Membrane Undercoat is a water-based, high build acrylic elastomeric coating for external masonry surfaces. It is formulated to have excellent weather resistance, to seal and provide for maximum resistance to substrate cracking.
<b>TYPE</b>	:	Modified Acrylic Polymer
<b>COLOUR</b>	:	White
<b>FINISH</b>	:	Matt
<b>USES</b>	:	<ul style="list-style-type: none"><li>As a high build undercoat for suitably primed concrete, plaster, brickwork, soft boards, hard boards, timber and metal surfaces</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>Seal surfaces against carbon dioxide ingress attack</li><li>Excellent elongation (about 350% at 30 Deg C)</li><li>Excellent adhesion to substrate</li><li>Breathable, thus allowing permeation of water vapour from substrate</li></ul>

**APPLICATION DATA**

<b>METHOD</b>	:	Brush or roller
<b>THEORETICAL COVERAGE</b>	:	Approximately 2m <sup>2</sup> /litre (application by porous roller) 300 microns DFT on smooth surface
<b>DILUTION</b>	:	No dilution is necessary for best performance. If dilution is necessary, maximum 5% clean water.
<b>SURFACE PREPARATION</b>	:	Ensure surface is clean, dry and stable using the following suggested surface treatments: <ul style="list-style-type: none"><li><b>Moisture</b> :There must not be any water residue on the surface of the substrate. Moisture must be &lt;4% (Sovereign moisture master) before application</li><li><b>Unstable matter</b> :Remove loose bonding film, dirt, peeling paint, etc by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is suitable</li><li><b>Contaminants</b> :Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry</li><li><b>Fungus and Algae</b> :Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution and leave on for at least 2 hours</li></ul>

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- **Hairline cracks** :Fill cracks with suitable exterior grade water-resistant putty or filler

<b>DRYING TIME</b>	:	Surface Dry – 2 hours at 30°C Hard Dry – 7 hours at 30°C
<b>OVERCOATING TIME</b>	:	24 hours under normal conditions
<b>CLEANING</b>	:	All equipments should be cleaned with water immediately after use
<b>GENERAL INFORMATION</b>		
<b>SOLID CONTENT</b>	:	57.0 ± 3.0 % by weight
<b>VISCOSITY</b>	:	120 ± 10 KU at 25°C
<b>PACKING</b>	:	25 kg
<b>STORAGE</b>	:	Store in a tightly sealed container in a cool, dry place
<b>SHELF LIFE</b>	:	Up to 6 months in a tightly sealed container.
<b>PRECAUTION</b>	:	Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment

Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

<b>Enquiries / Contact Details</b>	:	<b>Customer Service</b> <b>6265 5355 (Main Line)</b> <b>6264 1603 (Fax)</b> <b><a href="http://www.nipponpaint.com.sg">www.nipponpaint.com.sg</a></b>
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