

## TECHNICAL DATA SHEET FOR

**SILICONE PRIMER**

<b>DESCRIPTION</b>	:	A high performance and near zero VOC water-based silicone resin primer. It is designed to impregnate masonry substrate through capillary infiltration creating a barrier to water ingress.
<b>TYPE</b>	:	Silicone Primer
<b>COLOUR</b>	:	Clear
<b>FINISH</b>	:	Low Sheen
<b>USES</b>	:	<ul style="list-style-type: none"><li>• Suitably on new or porous concrete, plaster, brickwork, soft board, hard board, timber and precast concrete surfaces.</li><li>• Not applicable for non-absorbent substrates.</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>• Deep penetration power due to its micro molecular size</li><li>• Seal hairline cracks and pores</li><li>• Breathable paint film allows moisture to evaporate from substrate</li><li>• Excellent alkaline resistance</li><li>• Superb water repellency property</li><li>• Low dirt pick-up</li><li>• Near Zero VOC</li></ul>

**APPLICATION DATA**

<b>METHOD</b>	:	Apply by roller, brush or airless spray.
<b>THEORETICAL COVERAGE</b>	:	8 m <sup>2</sup> per litre of diluted mixture (coverage may deviate greater due to porosity of substrate).
<b>DILUTION</b>	:	Dilute with 18 litres of 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></ul>

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	: • <b>Fungus and Algae</b> :Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution
	• <b>Hairline cracks</b> :Fill cracks with suitable exterior grade water-resistant putty or filler
<b>DRYING TIME (30°C)</b>	: Surface Dry - 30 minutes Hard Dry - 1 hours
<b>OVERCOATING TIME</b>	: 2 hours
<b>RECOMMENDED PAINTING SYSTEM</b>	: 1 Coat of Silicone Primer
<b>CLEANING</b>	: All equipment should be cleaned with water immediately after use.
<b>GENERAL INFORMATION</b>	
<b>SOLID CONTENT</b>	: 100%
<b>SPECIFIC GRAVITY</b>	: 1.00 ± 2% kg/litre
<b>PACKING</b>	: 2 litres
<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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