

TECHNICAL DATA SHEET FOR

DURASIL

DESCRIPTION	:	Durasil is a water-based coating system formulated with high premium silicone dispersion that provides excellent UV resistance and durability. Durasil offers low water absorption and high water vapour permeability which promote the breathability of the coating
TYPE	:	Water-based Acrylic-silicone Emulsion Paint
COLOUR	:	As per colour card
FINISH	:	Matt
USES	:	A premium coating for protection of external masonry surfaces
FEATURES	:	<ul style="list-style-type: none"> • Excellent water repellency • Breathable film with high water vapour permeability • Long lasting colours • Excellent dirt pick-up resistance against industrial air pollution • Non-toxic, does not contain lead, mercury and heavy metals • Resistance to fungal and algal growth

APPLICATION DATA

METHOD	:	Roller, brush, airless spray or air spray															
THEORETICAL COVERAGE	:	8.0 m ² /litre (based on 40 microns DFT and based on white)															
DILUTION	:	Not recommended for best performance															
SPRAY APPLICATION	:	<table> <tr> <th></th><th><u>Air</u></th><th><u>Airless</u></th></tr> <tr> <td>Delivery Pressure</td><td>3 ~ 4 Kg/cm²</td><td>140 – 200 kg/cm²</td></tr> <tr> <td>Tip Size</td><td>1.3mm</td><td>0.017" – 0.023"</td></tr> <tr> <td>Spray Angle</td><td>50 - 70°</td><td>50 - 70°</td></tr> <tr> <td>Dilution with water</td><td>10 ~ 20%</td><td>10% max</td></tr> </table>		<u>Air</u>	<u>Airless</u>	Delivery Pressure	3 ~ 4 Kg/cm ²	140 – 200 kg/cm ²	Tip Size	1.3mm	0.017" – 0.023"	Spray Angle	50 - 70°	50 - 70°	Dilution with water	10 ~ 20%	10% max
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SURFACE PREPARATION	:	<p>Ensure surface is clean, dry and stable using the following suggested surface treatments:</p> <ul style="list-style-type: none"> • Moisture: There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application • Unstable matter: 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
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DURASIL

- **Contaminants:** Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry
- **Fungus and Algae:** Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution and leave on for at least 2 hours
- **Hairline cracks:** Fill cracks with suitable exterior grade water-resistant putty or filler

DRYING TIME : Touch Dry - 1 hour at 30 °C

OVERCOATING TIME : 4 hours based on normal conditions

RECOMMENDED PAINTING SYSTEM : **New Surfaces:**

- 1 coat Watershield W350
- 2 coats Durasil

Painted Surfaces:

- 1 coat Vinilex 2000 Water-Based Wall Sealer
- 2 coats Durasil

CLEANING : Wash all equipment immediately with clean water after use.

GENERAL INFORMATION

SOLID CONTENT : 53 ± 2% by weight (Based on White)

SPECIFIC GRAVITY : 1.42 ± 2% kg/litre (Based on white)

PACKING : 20 litres

STORAGE : Store in a tightly sealed container in a cool dry place.

SHELF LIFE : Up to 24 months when stored in a tightly sealed container.

PRECAUTION : 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.

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