

TECHNICAL DATA SHEET FOR

WEATHERBOND ALGAEGUARD

DESCRIPTION	:	Weatherbond AlgaeGuard is a long-lasting high performance water-based acrylic exterior paint specially formulated with enhanced anti-algae and anti-streak marks performance
TYPE	:	100% acrylic emulsion for exterior use
COLOUR	:	As per colour card
FINISH	:	Low Sheen
USES	:	Suitable for new and previously painted surfaces such as masonry, bricks and exterior timber
FEATURES	:	<ul style="list-style-type: none"> • Enhanced resistance to fungal and algal growth • Enhanced anti-streak marks property keeping the façade clean • Excellent weathering resistance • Good adhesion on stable surfaces • Easy application with good levelling property • Excellent anti-carbonation property • Breathable film with high water vapour permeability • Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

APPLICATION DATA

METHOD	:	Roller or brush															
THEORETICAL COVERAGE	:	Approx. 9 m ² / litre (based on 40 microns DFT)															
SPRAY APPLICATION	:	<table border="0" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Air</u></th> <th style="text-align: center;"><u>Airless</u></th> </tr> </thead> <tbody> <tr> <td>Delivery Pressure</td> <td style="text-align: center;">3 ~ 4 Kg/cm²</td> <td style="text-align: center;">140 – 200 kg/cm²</td> </tr> <tr> <td>Tip Size</td> <td style="text-align: center;">1.3mm</td> <td style="text-align: center;">0.017” – 0.023”</td> </tr> <tr> <td>Spray Angle</td> <td style="text-align: center;">50 - 70°</td> <td style="text-align: center;">50 - 70°</td> </tr> <tr> <td>Dilution with water</td> <td style="text-align: center;">10 ~ 20%</td> <td style="text-align: center;">10% max</td> </tr> </tbody> </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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DILUTION	:	Ready for use, if necessary, dilution should not be more than 5 % water															
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 															

WEATHERBOND ALGAEGUARD

- **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 : Surface Dry - 30 minutes at 30°C
Hard Dry - 2 hours at 30°C

OVERCOATING TIME : 2 hours based on normal conditions

RECOMMENDED PAINTING SYSTEM : 1 coat of Vinilex 2000 Wall Sealer or Vinilex 5170 Wall Sealer
2 coats of Weatherbond AlgaeGuard

CLEANING : All equipment should be cleaned with water immediately after use

GENERAL INFORMATION

SOLID CONTENT : 53.5 ± 2% by weight (based on white colour)

SPECIFIC GRAVITY : 1.35 ± 2% kg / litre (based on white colour)

PACKING : 5 litres & 20 litres

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

SHELF LIFE : Up to 24 months 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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