

**TECHNICAL DATA SHEET FOR  
EvoGREEN EXTERIOR**

<b>DESCRIPTION</b>	:	EvoGreen Exterior is an environmentally favourable green product with low VOCs (Volatile Organic Content) and extremely low odour during application and drying. It is formulated to meet the demand for extended performance under harsh tropical conditions including high level of sunshine, high amount of rainfall and ease of algae and fungus growth.
<b>TYPE</b>	:	Low VOC High Performance Acrylic Emulsion
<b>COLOUR</b>	:	A wide range of sophisticated colours
<b>FINISH</b>	:	Low Sheen
<b>USES</b>	:	<ul style="list-style-type: none"><li>• For long term protection and decoration of any external masonry surfaces including primed timber surfaces</li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>• Extremely low odour during application and drying</li><li>• Non-toxic, does not contain lead, mercury and heavy metals</li><li>• Extended life under external tropical conditions as compared with conventional emulsion</li><li>• Excellent anti-fungus &amp; anti-algae resistance. Particularly the red brown species, Trentepholia</li><li>• Excellent resistance to water, alkaline, and external pollutants that can cause discoloration</li><li>• Low gloss &amp; attractive smooth finish to meet demand of the aesthetics</li><li>• Anti-carbonation property</li><li>• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme</li></ul>

**APPLICATION DATA**

<b>METHOD</b>	:	Roller or brush
<b>THEORETICAL COVERAGE</b>	:	Approx 9 m <sup>2</sup> / litre (based on 40 microns DFT)
<b>DILUTION</b>	:	Ready for use, if necessary, dilution should not be more than 5 % 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></ul>

**EvoGREEN EXTERIOR**

- **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
- **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 - 1 hour at 30 °C

**OVERCOATING TIME** : 2 hours based on normal conditions

**RECOMMENDED PAINTING SYSTEM** : 1 coat of Vinilex 2000 Water-Based Sealer  
2 coat of EvoGreen Exterior

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

**PERFORMANCE DATA**

Test Items	Test Methods	Results
Fineness	SS5 : Part B13 : 2003 (2013)	Below 40 µm
Viscosity	SS5 : Part B12 : 2013	86 - 88 ku
Non-volatile Matter	SS5 : Part B2 : 2013	50.5 – 54.5 %
Specific Gravity	SS5 : Part B7 : 2013	1.31 – 1.37
Gloss (85°)	SS5 : Part E1 : 2003 (2013)	15 - 25 %
Hard Drying Time	SS5 : Part D3 : 1988	Below 60 mins
Opacity	SS5 : Part E2 : 2013	Above 90 %
Alkali Resistance	SS5 : Part G2 : 2003	Passed
Wet Scrub Resistance	SS5 : Part F6 : 2014	<10um dry film loss
Water Immersion Test - 1 hr (with sealer) - 3 hr (with sealer)	ISO 2812-2 : 1993	No Blister No Blister
Algae Resistance	SS345 : 1990	Passed
Cadmium (Cd) Content	EPA 3052/6010B	Not Detected

**EvoGREEN EXTERIOR****PERFORMANCE DATA**

Test Items	Test Methods	Results
Cadmium (Cd) Content	EPA 3052/6010B	Not Detected
Lead (Pb) Content	EPA 3052/6010B	Not Detected
Mercury (Hg) Content	EPA 3052/6010B	Not Detected
Hexavalent Chromium (Cr <sup>6+</sup> ) Content	EPA 3060A/7196A	Not Detected
Volatile Organic Content (VOC)	ASTM D3960-04	Below 50 g/L
Epichlorohydrin Content	ISO 11890-2	Not Detected
Formaldehyde Content	High Performance Liquid Chromatography	Not Detected

**GENERAL INFORMATION**

**PACKING** : 5 & 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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