

TECHNICAL DATA SHEET FOR
WALKLEEN EXPRESS

DESCRIPTION	:	A water-based acrylic exterior paint for protection and decoration for walls. It is designed as a 2-in-1 paint and prime exterior paint with excellent weather durability and efflorescence resistance
TYPE	:	Acrylic polymer
COLOUR	:	As per colour card
FINISH	:	Low sheen
USES	:	For long term protection and decoration of any external masonry surfaces
FEATURES	:	<ul style="list-style-type: none"> • A 2-in-1 coating system that speed up the painting process and reduces the labour cost • Excellent weather resistance • Excellent resistance to fungal and algal growth • Long lasting colour • Easy application • Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

APPLICATION DATA

METHOD	:	Roller, brush, airless spray or conventional spray															
RECOMMENDED APPLICATION THICKNESS	:	35 - 45 microns DFT															
THEORETICAL COVERAGE	:	Approximately 8 - 10 m ² / litre per coat based on 40 microns DFT (Actual coverage is dependent on substrate porosity and surface condition)															
DILUTION	:	Do not dilute when using brush and roller for best performance															
AIRLESS SPRAY	:	<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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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 															

WALKLEEN EXPRESS

- **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 : Touch Dry - 30 minutes at 30 °C
Hard Dry - 1 hour at 30 °C

OVERCOATING TIME : 2 hours minimum in normal conditions

RECOMMENDED PAINTING SYSTEM : **Stable surfaces**
2 coats of Walkleen Express

Powdery surfaces
1 coat of No More Chalk
2 coats of Walkleen Express

Alkaline surfaces
1 coat of Vinilex 5170 Wall Sealer
2 coats of Walkleen Express

Precautions

- Finishing appearance is dependent on the substrate condition, application method and colour used
- Painting on a substrate with uneven porosity or surface irregularities, such as grey skimcoat, repair spots, joint gaps or repainting over dark colour may require more than two coats to achieve a uniform finish
- High chroma and bright colour tone is recommended to apply a white or light colour as an undercoat before painting
- Substrate that is powdery or chalky even after surface preparation should apply one coat of appropriate sealer

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

GENERAL INFORMATION

CONFORMITY : • Conforms to SS 345 : 2015 Specification for algae resistant emulsion paint for decorative purpose
• Conforms to SS 579 : 2015 Specification for water-based sealer for interior and exterior uses

SOLID CONTENT : 57 ± 2% by weight (based on white colour)

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VOLUME SOLID	:	39 ± 2% by volume (based on white colour)
DENSITY	:	1.35 ± 2% kg/litre (based on white colour)
PACKING	:	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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