

TECHNICAL DATA SHEET FOR

SUISEI Si PRIMER

DESCRIPTION	: Suisei Si Primer is a clear water-based penetrative primer designed for use on concrete surfaces. The unique formulation of Suisei Si primer allows deep penetration and shield against moisture penetration to provide long lasting protection.
TYPE	: Waterbased acrylic silicon clear primer
COLOUR	: Clear
FINISH	: Low Gloss
USES	: Suisei Si Primer is used as a penetrative primer for interior and exterior concrete surfaces
FEATURES	: <ul style="list-style-type: none">• Excellent penetrative power into porous substrate• Excellent resistance to water, efflorescence and alkaline• Good water repellency and sealing properties• Low water absorption and high water vapour transmission• Fast drying• Low odour• Non-toxic, does not contain lead, mercury and heavy metals• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

APPLICATION DATA

METHOD	: Roller or brush
THEORETICAL COVERAGE	: 13 m ² /L based on maximum DFT of 20 µm per coat
DILUTION	: No dilution is necessary for best performance
SURFACE PREPARATION	: Ensure surface is clean, dry and stable using the following suggested surface treatments: <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 powdery substance and dirt 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

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- **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:** The substrate must be primed with Suisai Si Primer before fill cracks with suitable exterior grade water-resistant putty or filler. It shall be primed again with 2 coats of Suisai Si primer before apply 2 coats of Suisai Si

Important note: The product is recommended on new concrete. As for aged or old substrate, due to the high porous nature of concrete to retain moisture, algae or foreign contaminants resulted in concrete darkening before the application, final appearance might be affected

DRYING TIME	:	Touch Dry – 30 mins at 30 °C Hard Dry – 2 hours at 30 °C
OVERCOATING TIME	:	2 hours minimum based on normal condition
RECOMMENDED PAINTING SYSTEM	:	2 coats of Suisai Si Primer 2 coats of Suisai Si
CLEANING	:	All equipments should be cleaned with water immediately after use

GENERAL INFORMATION

SOLID CONTENT	:	22 ± 2.0 % by weight
SPECIFIC GRAVITY	:	1.01 ± 2.0% kg / litre
PACKING	:	20 litres
STORAGE	:	Store in a tightly sealed container in a cool, dry place
SHELF LIFE	:	Up to 12 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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