

Si-Prime

Datasheet

Klaas Si-Prime™ Clear Primer Silane/Siloxane/Acrylic

VOC <10g/Litre

DESCRIPTION

Si-Prime by Klaas Coatings is a highly effective clear water based primer based on silanes, siloxane and acrylic. It equalizes surface porosity to ensure even application of subsequent top coats.

Si-Prime is highly water repellent (hydrophobic) and helps to bind and consolidate weak or powdery surfaces. It's designed to penetrate and has low viscosity. It protects the top-coats from attack from moisture and salts from inside the substrate.

Si-Prime is highly breathable so is fully compatible with silicone resin topcoats where breathing is important. Ideally suited for render, concrete, FC sheet, masonry and all mineral substrates.

NOTE: Si-Prime is not a standalone product - must be top coated. Surface will feel slightly tacky on curing.

KEY BENEFITS

- Hydrophobic
- Vapour & Gas Permeable
- Penetrating
- Surface Equalising
- Surface Binding
- Improves Top Coat Application
- Protects against salt attack

AREAS OF USE

- Render
- Concrete
- Fibre Cement Sheeting
- Brick
- Masonry
- Skim Coat (Polymer Modified)

APPLICATION

	Method	Theoretical Coverage	Typical DFT	Touch Dry*	Re-Coat*
PRIMER					
Si-Prime	Roller, Brush & Spray	5m ² /L	N/A	30 min	6 hours

* Figures nominated are measured at 25C & 50% RH. Drying times will be extended by reduced temperatures and increased relative humidity . Ambient temperature must not fall below 10°C during the drying period and RH must not exceed 85%.

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COLOUR

Milky in can and colourless after application. Will darken surface slightly

PRODUCT INFORMATION

Finish	Clear
Density	1.99g/cm ³
VOC	<10g/L
Temperature Range*	10°C - 30°C
Clean Up	Water
Packaging	15 Litre Pail

PERFORMANCE

Liquid Water Transmission	<0.01kg/m ² h ^{0.5} W-value
Water Vapour Permeability	0.1m/cm ³ Sd -value

WARRANTY

15 years against cracking, peeling & blistering where the product has been applied according to manufacturers displayed directions and in accordance with AS 2311, the painting of buildings.

NEW SURFACE PREPARATION

Surfaces to be primed must be clean, dry and free of contaminants, including dirt, grease, efflorescence, mould & mildew.

Allow new render, concrete to cure for a minimum of 28 days prior to application of Si-Prime prior to topcoating with Si-Rex03 or Decolife.

PREVIOUSLY PAINTED

Surfaces to be primed must be clean, dry and free of contaminants, including dirt, grease, efflorescence, mould & mildew.

Remove all peeling, cracking, loosely adhering material, sand smooth and dust down.

Test for use: If water absorbs into the surface then Si-Prime is suitable. If water does not absorb and there is significant variety of material on the surface after stripping- use Klaas Underprep.

Note: The information presented is intended as a guide only and is correct to the best of our knowledge at the time of publication. It should not be considered as a definitive approval for suitability for a particular purpose. Specification details may change without notice.

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SAFETY

Refer to Product Label and product MSDS 15-103

SPECIFICATION

Refer to Klaas specifications at www.klaascoatings.com.au
Product Code: 15-103

MANUFACTURERS DETAILS

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MADE IN AUSTRALIA