

Si-Rex-TD

Datasheet

Klaas Si-Rex-TD™ Translucent Dilution Silicone Resin Exterior Paint

VOC <5g/Litre

DESCRIPTION

Si-Rex-TD by Klaas Coatings is a state of the art Translucent Dilution used with Si-Rex03 to create Translucent colour finish on concrete and masonry substrates. Using an advanced silicone resin binder and other special additives, it delivers a sophisticated looking mineral matt finish with outstanding performance benefits.

Si-Rex-TD enables the character of the original substrate to be maintained while reducing the overall colour variation. Its can be used as achitectural feature or to correct unacceptable colour variation in susbstrates.

Si-Rex-TD is added directly Si-Rex03 in any ratio that satisfies the reduction in opactiy required. It can be added to any Si-Rex03 colour and maintain tone.

Si-Rex-TD is composed of the special resins and additives that are perfectly compatible with Si-Rex03.

Si-Rex0-TD thins out Si-Rex03 to a “wash” consistency that penetrates the surface like a stain. Care must be taken in application to mantain a wet edge and minimise tool marks. The heavier components in the mix will tend to settle out so it is essential the material is continuously and thoroughly mixed during application.

Typical dilution rates are 1:1 to 1:4 of Si-Rex03 to Si-Rex-TD. Different colours and bases have different opacity and susbtrates also change the effect so it is essential site trialling is undertaken to acheive the desired finish and signed off prior to project work.

KEY BENEFITS

- Hydrophobic
- Vapour & Gas Permeable
- Self Cleaning Effect
- Superior Weather Resistance
- Reduces substrate colour variation
- Low VOC (after tinting)
- Translucent

AREAS OF USE

- Off Form Concrete
- Precast Concrete
- Fibre Cement Sheeting
- Brick
- Masonry

APPLICATION

	Method	Theoretical Coverage	Typical DFT	Touch Dry*	Re-Coat*
PRIMER n/a	N/A	N/A	N/A	N/A	N/A
FIRST COAT Si-Rex03/TD	Roller, Brush & Spray	10m ² /L	40um	30 min	6 hour
TOPCOAT Si-Rex03/TD	Roller, Brush & Spray	10m ² /L	40um	30 min	6 hour

* 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

Si-Rex03 may be tinted to 10,000+ colours using Klaas ASF tinting system. These tinters are Zero VOC and APEO¹ free and will not contribute to the VOC of the base product after tinting. Please note that only inorganic pigments will provide lightfast performance in exterior applications.

PRODUCT INFORMATION

Finish	Clear <5%@60°
Density	1.05g/cm ³
VOC	<5g/L
Temperature Range*	10°C - 30°C
Clean Up	Water
Packaging	15 Litre Pail

PERFORMANCE

Liquid Water Transmission	<0.05kg/m ^{2h0.5 W-value}
Water Vapour Permeability	0.13m/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 painted 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.

APPLICATION TECHNIQUE

Mix Si-Rex03 and Si-Rex-TD in any ratio to reduce Si-Rex03 opacity but maintain performance integrity. Typical dilution rates are 1:1 to 1.4 or Si-Rex03 to Si-Rex-TD. Mix continuously to avoid settling or thoroughly remix with application. Keep a wet edge and avoid drips and tool marks. Always undertake site trials to determine appropriate colour and dilution rates. Always apply 2 coats.

SAFETY

Refer to Product Label and product MSDS 10-101

SPECIFICATION

Refer to Klaas specifications at www.klaascoatings.com.au
Product Code: 10-101

MANUFACTURERS DETAILS

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MADE IN AUSTRALIA

¹ **APEO (Alkylphenol ethoxylate)** is a degradation product which is very toxic to aquatic organisms. It is not easily degradable and has a tendency to bioaccumulation.

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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