
STANCHEM SC 6300

DESCRIPTION:

StanChem's SC 6300 is an all acrylic copolymer designed for concrete sealers and stains that provides excellent weatherability and water blush resistance. SC 6300 is APEO free and formaldehyde free.

PRODUCT DATA: Typical Physical Properties:

Type:	Acrylic Copolymer
Solids by weight:	47.0 – 49.0 %
Viscosity @ 25 °C: Brookfield RVT #4 @ 20 Rpm	< 1000 cps
pH @ 25 °C:	8.0 – 9.0
Tg ° C (DSC)	+35

Storage: SC 6300 is stable for at least 6 months from manufacturing date when stored at +5C to +40C in appropriate containers.

WARRANTY:

Seller warrants that its product will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.

Curing Membrane Performance

Cure and Seal Test Formulas: Solids for formula are 25% by weight. Binder solids to coalescent (Butyl Cellosolve) ratio is 85/15. 0.1% defoamer was added to test formulas.

Cure and Seal Test Procedure: Modified ASTM C156. 460 g of a mortar mix consisting of 100 parts dry concrete mix and 14 parts water were added to a silicone mold. The mold dimensions were 9.8 cm X 9.8 cm X 1.8 cm deep. The concrete was allowed to dry until surface could be coated with cure and seal formula. 1.92 g cure and seal formula was applied such that application rate was 5.0 m²/liter. Weight loss was monitored for 72 hours. The target weight loss for the cure and seal membrane is < **0.55 kg/m²**.

Cure and Seal Performance Comparisons

<u>Formula</u>	<u>Weight Loss at 72 Hours</u>
Control – no formula applied	1.30 kg/m ²
SC 6300 Cure and Seal Formula	0.49 kg/m²

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