TECHNICAL DATA - PRODUCT INFORMATION

Con-Spec Industries Ltd.

9525 - 63 Avenue
Edmonton, Alberta
T6E 0G2
Bus: (780) 437-6136
Fax: (780) 437-5242

CS ACRYLIC SEALERS

DESCRIPTION:

CS Acrylic Sealer is a one component ready-to-use clear solvent based curing and/or sealing compound, designed for use on interior and exterior concrete. It meets ASTM C-309 specifications as an outstanding curing compound and it is an excellent dustproofer and surface sealer. CS Acrylic Sealer will resist many chemicals, help protect against staining and allows for easy removal of mortar droppings. It is a not affected by ultra violet rays and will not yellow. CS Acrylic Sealer is available in four formulations:

- CS-309 Cure & Seal Acrylic Sealer a 15% solids sealer for use on freshly poured concrete or sealing old concrete where a flat finish is required.
- CS-20 Semi-Gloss Acrylic Sealer a 20% solids sealer for use on freshly poured concrete or sealing old concrete where a semi gloss finish is required.
- CS- 25 Hi Gloss Acrylic Sealer a 25% solids sealer for use on cured or old concrete where additional protection and a high glossed is required.
- CS- 30 Hi Gloss Acrylic Sealer a 30% solids sealer for use on cured or old concrete where additional protection and a high glossed is required.
- 30% Cure & Seal Hi Gloss Acrylic Sealer a 30% solids sealer for use on freshly poured concrete or sealing old concrete where a high glossed is required.

LIMITATIONS:

CS Acrylic Sealer is not recommened to seal voids, cracks or for use where hydrostatic pressure is present. Do not apply to exterior surfaces if rain is expected within 12 hours after application or in direct sunlight at ambient temperatures in excess of 90°F (33°C). Do not apply to frozen or frost filled concrete surfaces.

SURFACE PREPARATION:

Freshly Placed Concrete; Horizontal surface must be finished and may be damp, but not wet. The surface must be able to withstand foot traffic from workers. Vertical surfaces may be treated as soon as the forms have been removed and the surface rubbed.

Existing Concrete: Surface must be structurally sound, dry, clean, free of dust, dirt, oil, grease or other contaminants or coatings. Acid etch surface to ensure concrete is clean, rinse thoroughly with clean water and allow to dry. Concrete should be dry in order to achieve maximum penetration and performance.

APPLICATION TECHNIQUES:

Freshly Placed Concrete: Apply when all free water has disappeared and surface cannot be marred. Use low pressure spray, roller or brush. Do not thin. Apply uniformly without puddles. Apply as soon as possible to fresh concrete. Use sprayers with viton (or neoprene) hoses and fittings. A second coat may be applied later, after proper surface preparation, to enhance gloss and protection. **Existing Concrete**: Apply two uniform applications as above. Allow a minimum of 3 hours after first coat before application of second coat. Unsealed concete surfaces should be first sealed with CS-309 to reduce out gassing followed by one or more coats of High Gloss to achieve a high gloss. Let cure for 24 hours before opening to light traffic, 72 hours for heavy traffic.

COVERAGE:

Curing	200 ft^2/gal (4.9 m^2/L) on fresh concrete
Sealing	200 - 250 ft^2/gal (4.9-6.1 m^2/L)
	2nd coat 300 - 400 ft^2/gal (7.4 - 9.8 m^2/L)
30% C&S	300 ft^2/gal (7.4 m^2/L) on fresh concrete

Texture and absorption of surface will influence final coverage rates.

CLEAN-UP INSTRUCTIONS:

Clean tools and equipment with Xylene.

SAFETY PRECAUTIONS:

Flammable, keep away from open flames. Use in a well ventilated area. Avoid prolonged contact with skin and breathing of vapour or spray mist.

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