



VOC PREMIUM ACRYLIC SEALER

DESCRIPTION:

VOC Premium 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. This sealer is ideally suited for exposed aggregate, stamped concrete, coloured concrete. It meets ASTM C-309 specifications as a curing compound and it is an excellent dustproofer and surface sealer. VOC Premium Acrylic Sealer will resist many chemicals, help protect against staining and will provide some colour highlighting. It is not affected by ultra violet rays and will not yellow. CS Acrylic Sealer is available in four formulations:

- VOC C&S Premium Sealer a 15% solids sealer for use on freshly poured concrete or sealing old concrete where a flat finish is required. Meets ASTM C-309 when applied at 225 ft²/gal (5.5 m²/L). (VOC Content <350g/l)
- VOC 20 Premium Sealer a 20% solids sealer for use on cured concrete or sealing old concrete where a semi gloss finish is required. (VOC Content <400g/l)
- VOC 25 Premium Sealer a 25% solids sealer for use on cured or old concrete where additional protection and a high glossed is required. (VOC Content <400g/l)
- VOC 30 Premium Sealer a 30% solids sealer for use on cured or old concrete where additional protection and a high glossed is required. (VOC Content <400g/l)

LIMITATIONS:

VOC Premium Sealer is not recommended to seal voids, cracks or for use where hydrostatic pressure is present. Do not apply to exterior surfaces if rain is expected within 3 hours after application. Take caution when applying in windy conditions or in direct sunlight as this may cause bubbling. Temperature must be between 7C (45F) and 26C (80F). Do not apply to frozen or frost filled concrete surfaces.

SURFACE PREPARATION:

Freshly Placed Concrete; Use VOC C&S. 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 VOC C&S when all free water has disappeared and surface cannot be marred. Use low pressure spray. Product may be rolled under specific conditions. Do not thin. Apply uniformly without puddles. Apply as soon as possible to fresh concrete. Use sprayers with Xtreme seals, 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 1-2 hours after first coat before application of second coat. Unsealed concrete surfaces should be first sealed with VOC C&S or VOC 20 to reduce out gassing followed by one or more coats of VOC 25/30 High Gloss to achieve a high gloss. Sharkgrip or a non-slip additive may be added to improve slip resistance. Let cure for 12 hours before opening to traffic, 24 hours for heavy traffic.

COVERAGE:

Curing 225 ft²/gal (5.5 m²/L) on fresh concrete
Sealing 225 - 275 ft²/gal (5.5-6.7 m²/L)
2nd coat 250 - 275 ft²/gal (6.1 - 6.7 m²/L)

Texture and absorption of surface will influence final coverage rates.

CLEAN-UP INSTRUCTIONS:

Clean tools and equipment with Xylene or Acetone.

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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Seller warrants that the product described on the face hereof has been manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer shall be responsible for any claims resulting from the failure to utilize the product in the manner in which it was intended and in accordance with instructions provided for use of product. The only obligation of either the seller or manufacturer shall be to replace any quantity of this product which proved to be defective. Neither seller nor manufacture assumes any liability, loss, or damage resulting from use of this product.

TIP SHEET

Exempt solvent based sealers dry much faster than the traditional solvent based sealers. Listed below are specific application methods that should be followed to ensure successful results.

Exempt solvent sealers should be applied with an industrial, hand held pump-up sprayer equipped with solvent resistant (Viton®) gaskets, o-rings, and hoses. Chapin's Xtreme Industrial Concrete Sprayer, which is resistant to acetone, works well. The fittings in standard pump-up sprayers will deteriorate when in contact with acetone. Sprayers should be equipped with a 1 gallon per minute spray tip.

Because VOC compliant sealers dry faster, the nozzle of the sprayer must be held close to the concrete surface no more than 12" (30 cm) above. Do not wave the sprayer nozzle back and forth high above the concrete, as this can lead to flash drying, "spider webbing" and or bubbling of the sealer.

Maintain a wet edge during spraying to prevent overlap marks and do not over apply the product.

When sealing or re-sealing existing concrete, best results are achieved by spraying the exempt solvent based sealer rather than rolling. If rolling is necessary, do not overwork the roller; this can cause bubbling and stringing of the sealer. Once the product has become tacky, do not roll over it. Keep a tray of solvent nearby to help keep the roller wet.

The fast dry times of exempt solvent products require application during the coolest times of the day (early morning or late evening; avoid hot, direct sunlight) is especially critical to good results. Applying products in hot weather or direct sun may result in severe bubbling. Keep the product cool; don't leave pails in direct sunlight. If bubbling does occur, the sealer can be re-wetted with solvent

In summary:

- Always follow product instructions - especially coverage rates - very carefully
- Keep products cool during storage
- Spray, don't roll, and keep the sprayer tip low
- Use during the coolest part of the day
- Apply "thin to win"

