



Signature Seal VOC™ Characteristics and Applications

Description

Signature Seal VOC™ is a lacquer-based formula, designed to seal, protect and add a gloss finish to decorative concrete and architectural finishes. Signature Seal VOC™ is a ready-to-use liquid. Signature Seal VOC™ increases abrasion resistance, resistance to attack from light chemicals, and reduces staining caused by common substances. Signature Seal VOC™ is available in a 1-gallon can (6 per case), 5-gallon pail or 55-gallon drum.

- Increased Abrasions Resistance
- Gloss
- Fast Drying

Basic Uses

Signature Seal VOC™ is a gloss sealer specifically designed for the Impressions™, Artisan Overlay™, Venetian MicroTop™, Perfetto-Espray™ and FauxCrete™ Systems and other architectural colored concrete projects.

Use With These Products or Systems

- ColorFlo®
- Colour-Hard™
- Accent-Colour Release™
- Accent-Liquid Release™
- Venetian MicroTop™
- Fresco Stain™
- Tinté D'Acqua™
- Impressions™
- Artisan Overlay™
- FauxCrete™
- Perfetto-Espray™

Composition

Signature Seal VOC™ is a proprietary lacquer-based formulation consisting of a high molecular weight thermoplastic acrylic resin and special additives. Signature Seal VOC™ is a clear solvent-based liquid material that dries to a clear, gloss film.

Application

Samples and mock-ups: Provide sealed, applied material samples in the color and texture specified for the project to the architect and owners for approval prior to project start. Provide on-site, mock-up prior to project start for approval of color, texture and workmanship.

Preparation: Substrate should be clean, free of all debris and contaminants and thoroughly dry. Newly placed cured concrete, toppings or overlays must be cured 24 – 48 hours from time of completed installation, depending on ambient conditions, substrate and mix design. Longer curing times are required in cool, damp conditions.

Application of sealer: Apply the Signature Seal VOC™ by brush, roller, airless or mechanical sprayer. Uniformly apply the sealer at approximately 100 – 300 square feet per gallon (9.3 – 7.4m²/L) per application. Allow the sealer

to dry, then uniformly apply a second coat of Signature Seal VOC™ at the same coverage rate. Ensure application is uniform and that a complete film over the entire surface has been achieved. Do not apply the sealer applications too heavily or too lightly in either coat. Heavy coats will extend the dry time and could discolor or peel. In general, several light coats are more effective than a heavy single coat. Re-application can take place as soon as the previous coat has dried. Protect the application from rain, snow or excessive moisture for 24 hours.

Coverage Rate

Approximately 100–300 square feet per gallon (9.3 – 7.4 m²/L) per application, minimum of 2 applications required.

V.O.C. Content

Less than 400 g/l.

Limitations

Application temperature range 45°F (7.2°C) to 100°F (37.8°C). Minimum ambient and surface temperature for application is 45°F (7.2°C) during application and for a minimum of 24 hours after application. Best results when applied in cooler temperatures and not in direct sunlight or in hot windy conditions. Do not apply if rain, snow or excessive moisture is expected during application or within 24 hours after application. Not recommended for use on slick dense surfaces or substrates subjected to hydrostatic pressure. Signature Seal VOC™ will enhance the final color. Always install a job site mock-up for approval of color prior to project start.

Packaging

1-gallon (3.8 L) can, 6 per case
5-gallon (18.9 L) pail, 36 pails per pallet
55-gallon (209 L) drum

Storage and Shelf Life

Store in cool dry area. Keep from freezing. Shelf life is 1 year from date of manufacture in original unopened containers.

Clean Up

Tools and equipment should be cleaned up with Xylene or Acetone.

Precautions

It is mandatory to take the following precautions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. Wear protective clothing, gloves and goggles when handling and/or applying Signature Seal VOC™.
3. Keep away from excessive heat and open flame or other sources of ignition. This product is solvent-based and flammable.
4. Avoid inhalation of vapors. Ensure adequate

ventilation during application and while product is drying.

5. Avoid contact with skin. Contact areas should be thoroughly washed with soap and water.
6. Avoid contact with eyes. Flush eyes with water if contact occurs.
7. Avoid ingestion of material. If ingestion occurs, contact a poison control center or physician immediately.
8. Use appropriate protective clothing, including gloves, goggles and fitted approved NIOSH cartridge-type respirators.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

Warranty

Legacy™ Decorative Concrete Systems, Inc. warrants that these products will be free from defects, and will perform as specified in the Technical Data Sheet, provided that storage, use and application of product are in accordance with manufacturer's recommendations and application instructions. The exclusive remedy of the user or buyer and the limit of the liability of this company for product proven defective shall be the purchase price paid by the user or buyer for the quantity of the Legacy™ Decorative Concrete Systems, Inc. products involved. Legacy™ Decorative Concrete Systems, Inc. shall not be liable for indirect, incidental, consequential, or special damages, whether due to breach of warranty or tort (including without limitation Legacy™ Decorative Concrete Systems, Inc.).

Manufacturer

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