



## Premium Seal VOC 100™ Characteristics and Applications

### Description

Premium Seal VOC 100™ is a lacquer-based formula, designed to seal, protect and add a high gloss finish to decorative concrete and architectural finishes. Premium Seal VOC 100™ is a ready to use liquid. Premium Seal VOC 100™ abrasion resistance, resistance to attack from light chemicals, and reduces staining caused by common substances. Premium Seal VOC 100™ is available in a 1-gallon can (6 per case), 5-gallon pail or 55-gallon drum.

- Increased Abrasions Resistance
- Super Gloss
- Fast Drying

### Basic Uses

Premium Seal VOC 100™ is a high gloss sealer specifically designed for the Impressions™, Venetian MicroTop™, Artisan Overlay™, Perferetto-Espray™ and FauxCrete™ Systems and other architectural colored concrete projects.

### Use With These

#### Products or Systems

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

### Composition

Premium Seal VOC 100™ is a proprietary lacquer based formulation consisting of a high molecular weight thermoplastic acrylic resin and special additives. Premium Seal VOC 100™ is a clear solvent-based liquid material that dries to a clear, high 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 Premium Seal VOC 100™ by brush, roller, airless or mechanical sprayer. Uniformly apply the sealer at approximately 100 – 300 square feet

per gallon (9.3 – 7.4m<sup>2</sup>/L) per application. Allow the sealer to dry, then uniformly apply a second coat of Premium Seal VOC 100™ 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 m<sup>2</sup>/L) per application, minimum of 2 applications required.

### VOC Content

100 g/l

### Limitations

Application temperature range 45°F (7.2°C) to 100°F (37.7°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. Premium Seal VOC 100™ 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 type products and rinsed with clean water.

### 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 Premium Seal VOC 100™.
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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