

SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer Technical Data Sheet

1. Description and Uses

SRI Concrete Product's SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer is a tough, high solids (25%), urethane-modified water-borne acrylic concrete sealer designed to protect and beautify all types of concrete with a durable, clear coating. SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer is non-yellowing to preserve the appearance of all types of decorative concrete.

SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer protects and beautifies all types of concrete such as colored, stamped, and exposed aggregate. It also protects pavers, terrazzo, stones, and stained concrete. Paver joints will be stabilized and pavers will be sealed.

SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer may be used on fresh concrete to cure and seal and on old concrete to protect and beautify.

SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer may contribute to LEED credits.

2. Coverage

Two coats are recommended. One coat application is possible if applied at proper rate and cross-rolled.

- Trowel Finish, Tile, Terrazzo and Other Slick Surfaces: Apply at rate of 300 square feet per gallon.
- Textured and Stamped Concrete: 200 square feet per gallon.
- Exposed Aggregate Concrete: Apply at rate of 100 square feet per gallon.
- Pavers: 100 square feet per gallon. Use metal sprayer.
- Broomed Concrete: NOT recommended due to highlighting of imperfections in concrete and darkening of concrete.

3. Limitations

Not recommended for brick due to bricks tendency to absorb moisture from under seal. If floor will be regularly exposed to chemicals, it is highly recommended that a spot be tested before proceeding with entire floor.

4. Surface Preparation

Clean dirt, wax, grease, oil and other contaminants from the surface. Be sure to remove any foreign coating unless previous coating is same or similar oil based sealer or stain. Make sure the surface is clean, dry and sound. Clean oily concrete with a concrete cleaner/degreaser or other degreasing soap. Use a bristle brush for heavily oiled spots. If surface is slick, etch with diluted muriatic acid. Pressure wash with water at 3000 psi or more. Allow 24 hours to dry. Apply only when surface and air temperatures are above 50 deg F and below 90 deg F. Do not apply to excessively hot surfaces as rapid drying may cause bubbles to form. For pavers, sweep away any loose sand.

5. Application

Use a long-nap roller for exposed aggregate, a medium-nap roller for textured surfaces and a short-nap roller for smooth surfaces. Alternately, an airless sprayer can be used. Use brush for cutting-in tight spots.

Do not pour directly from can to concrete. Do not thin product. Apply evenly from can or other metal container with appropriate roller. Keep roller soaked by dipping on every stroke. Every few feet turn perpendicular to the first coat, and cross roll without re-dipping. Wait until the surface is tack-free before applying a second coat. The continual dipping with the first coat gives a heavy application and the cross-rolling allows for an even application.

6. Troubleshooting

If discoloration, streaking, splotching, or cracking occurs, it is usually due to insufficient coating (see Coverage rates). A second coat is recommended. Bubbles may sometimes occur, but will dissipate and not affect the seal.

7. Finish and Slip Resistance

A commercial-grade floor wax is recommended for slick-troweled interior or covered concrete, such as garage floors, to add a deep, gloss finish. It is a sacrificial coating that adds scuff and skid resistance, protects the SRI Acrylic Water-Based 25% Low-VOC

Concrete Sealer, and adds to the life of the coating. Reapply the commercial-grade floor wax as necessary as a part of routine maintenance.

On slick concrete floors, a non-slip sealer additive may be added to the second coat of *SRI Acrylic Water-Based 25% Low-VOC Concrete Sealer*.

8. Cleanup

Clean application tools and equipment with water.

9. Storage

Keep from freezing. Store between 40- and 100-deg F.

10. Maintenance

Clean floor with water. Do not use ammonia-based cleaners. For interior floors, a commercial-grade floor wax is recommended as a sacrificial coating to protect the hard sealer film from scratching.

Protective coating should last 2-4 years. However, the gloss will fade sooner if exposed to the sun.

11. Warranty

WARRANTY DISCLAIMER: The information contained within is accurate to the best of our knowledge. Since SRI has no control over handling, use or storage; no guarantee expressed or implied, is offered. SRI warrants the product to be free of defects and will replace or refund the purchase price of said products proven defective. Labor cost and/or other consequential damages are not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the product. The suitability of the product for any extended use shall be solely up to the user.

12. Cautions

Use with adequate ventilation. Avoid direct contact. Symptoms of exposure are redness and irritation to skin and burning and blurred vision to eyes. **KEEP AWAY FROM CHILDREN.**