

SRI Solvent-Based Clear 30% Sealer Technical Data Sheet

1. Description and Uses

SRI Concrete Product's SRI Solvent-Based Clear 30% Sealer is a tough, high solids (30%), pure acrylic concrete sealer in a solvent base. It is designed to protect and beautify all types of concrete with a high gloss, durable, clear coating. SRI Solvent-Based Clear 30% Sealer is non-yellowing to preserve the appearance of all types of decorative concrete.

SRI Solvent-Based Clear 30% 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 Solvent-Based Clear 30% Sealer may be used on fresh concrete to cure and seal and on old concrete to protect and beautify.

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. Sealer will melt plastic, asphalt, or any petroleum-based product. Any surfaces not mentioned should be tested in small areas before applying sealer. NOTE: Gasoline and other auto-parts cleaners containing hot solvents will melt sealer. Wiping will smear sealer. Allow to dry. Either leave be for protection or re-coat with sealer for best appearance. If floor will be regularly exposed to

chemicals, it is highly recommended that a mockup be tested before proceeding with entire floor.

4. Technical Data

Typical Properties:

Solids Content:	30% plus or minus 1%
Film Sward Hardness:	60.
Dry Time (at 73 deg F, 50% RH)	2 to 4 hours for foot traffic; 24 hours for auto traffic
Recoat Time:	When first coat is tack free
Weight Per Gallon:	Plus or minus 7.7 lbs.
VOC	700 g/L
ASTM C 309, Type I, Class A & B:	Passes
ASTM C 1315:	Passes
AASHTO Spec. M-148:	Passes
USDA:	Passes
EPA 40 CPR Part D for concrete curing & sealing:	Passes

Chemical Resistance:

(Determined on 1-mil dry films cast on glass plates after 24 hours exposure.)

Reagent	Appearance
Acetic Acid, Glacial:	Blistering
Hydrochloric Acid, Conc:	Loss of Glass
Nitric Acid, Conc:	Slight Blistering
Sulfuric Acid, Conc:	No Change
Sodium Hydroxide, 50%:	No Change
Gasoline:	Softened
Motor Oil, SAE 20:	No Change

5. 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 a diluted solution of muriatic acid. Rinse well with a pressure washer. 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.

6. 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. If using tray, do not use thin plastic. Use metal or heavy duty plastic container.

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.

7. 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. If fogging occurs due to insufficient drying of concrete beforehand, apply an aromatic solvent such as A-100, xylene, toluene, or lacquer thinner containing the aforementioned solvents to melt sealer and release moisture. If buildup occurs due to years of repeated application, application of aromatic solvent such as A-100, xylene, toluene, or lacquer thinner is recommended to restore shine.

8. 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 Solvent-Based Clear 30% 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 Solvent-Based Clear 30% Sealer*.

9. Cleanup

Clean application tools and equipment with aromatic solvent such as A-100, toluene, xylene, or lacquer

thinner containing one or more of the previously listed ingredients. These solvents are flammable, and proper caution should be exercised.

10. Storage

Product will not freeze. Re-seal unused product completely and store in ventilated area away from open flames. One gallon can will close by hammering lid on can. Five gallon pail cannot be adequately re-sealed. If you smell solvent after closing lid, finish using product or discard.

11. 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.

12. 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.

13. Cautions

Contains aromatic solvent petroleum distillate. Product is flammable. Avoid heat, sparks and flames. Extinguish open flames in area including pilot lights. Do not smoke. If eye irritation, headaches or dizziness occur, leave area. Wearing respiratory protection is helpful. Reseal tightly after using; avoid skin contact. Use only with adequate ventilation. Do not transfer contents into another container. **KEEP AWAY FROM CHILDREN.**