

SS Supreme 2500 Plus



Technical Data Sheet (08/06/14)

MEDIUM GLOSS, UV RESISTANT 25% ACRYLIC COPOLYMER CONCRETE SEALER

PRODUCT DESCRIPTION

SS 2500 Plus is a medium gloss, UV Resistant acrylic copolymer concrete sealer intended for all types of concrete both indoor and outdoor, new and cured. SS 2500 Plus offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. With substrate wetting agents and anti-foaming additives included in this formulation, SS 2500 Plus provides superior adhesion to properly prepared concrete. Applying SS 2500 Plus to exposed aggregate will also help to eliminate loose pebbles and premature wear. SS 2500 Plus can be considered an ultimate multi-use concrete sealer, including cure and seal.

BENEFITS AND FEATURES

- Can be used as a means of dust-proofing most concrete surfaces.
- Provides superior resistance to the sun's harsh ultraviolet rays for additional life of the coating.
- Formulated at a medium viscosity allows for easy application through sprayers.
- Its ease of use, medium gloss, and superior resistance to weather issues makes this a contractor favorite.
- Can be used as a Cure-n-Seal. (see Precautions and Limitations)

RECOMMENDED APPLICATIONS

SS 2500 Plus is recommended for use on Stamped Concrete, Stenciled Concrete, Acid Stained Concrete, Overlaid Concrete, Exposed Aggregate Concrete, Broom Finish Concrete, and Trowel Finish Concrete. Other uses may be acceptable.

TECHNICAL INFORMATION

Solids	25%
Drying Time*	1–2 hours
Re-Coat Time	4–24 hours
Foot Traffic	4–6 hours
Wheel Traffic	24–48 hours
Application Temp	40°F–85°F
Wet Appearance	Clear to lightly cloudy
Dry Appearance	Clear to medium gloss
VOC Content	<700 g/l
Blush Resistance	Good
Solvent Resistance	Minimal
Concrete Adhesion	Excellent

**Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.*

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B
ASTM C 1315, Type 1, Class A
AASHTO Specification M-148, Type 1, Class A & B
Dried coating is USDA accepted.

APPROXIMATE COVERAGE RATES

APPLICATION SURFACE	FIRST COAT	OPTIONAL SECOND COAT
New (unsealed) concrete	250–350 ft ²	350–400 ft ²
Old (sealed) concrete	350–400 ft ²	350–400 ft ²

Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

INSTRUCTION FOR USE

SURFACE PREPARATION: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. Substrate temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Stir well before using. Material may separate during long term storage.

APPLICATION: Apply using a 3/8"–1/2" nap roller cover using long even uniform strokes at approximately 250–400 square feet per gallon depending on porosity and texture of substrate. Use a 3/4" nap roller on stamped and patterned concrete. A Chapin style solvent resistant sprayer may be used as well. Do not allow to puddle! Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4–6 hours between coats.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. If applying by spray method, extended coverage rates may be achieved, but be aware that less material will be applied and inadequate film formation or performance expectations may be limited.

CLEAN UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial coatings stripper, such as SS Strip-A-Lot or by using a diamond grinding method, sandblasting method or similar mechanical action.

SHELF LIFE

SS 2500 Plus has a shelf life of up to two years in its original, sealed, unopened container.

PACKAGING

SS 2500 Plus is packaged and stocked in 1 gallon and 5 gallon pails. 55 gallon drums are available on special order.

PRECAUTIONS AND LIMITATIONS

- SS 2500 Plus will not freeze during storage, however, allow temperature to rise to 50° F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed.
- Keep away from open flames. SS 2500 Plus is flammable and is very susceptible to ignition.
- It is not recommended to apply SS 2500 Plus over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- Keep out of reach from children.
- SS 2500 Plus was designed for decorative concrete and to be applied in two thin coats, not one thick coat.
- If using SS 2500 Plus as a Cure-N-Seal, only apply one coat to meet Cure-n-

Seal specifications.

- Please be aware that this product when cured may be slippery when wet.
- SS 2500 Plus is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin SS 2500 Plus. Improper thinning may cause sealer to delaminate in a short time frame.
- Avoid applying in windy conditions as over spray could damage surrounding objects or landscape.
- For Professional use only.
- SS 2500 Plus may darken the surface of many new and existing concrete slabs. Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 866-906-2006.

