

SS Deco Guard



Technical Data Sheet (06/16/14)

SILOXANE MODIFIED METHYL METHACRYLATE SEALER—LOW SHEEN

PRODUCT DESCRIPTION

SS Deco Guard is a non-yellowing, low sheen, Siloxane Modified Methyl Methacrylate with a low viscosity for better penetration on concrete substrates. SS Deco Guard's unique Siloxane Modified Methyl Methacrylate formulation provides superior water and salt resistance. Improved resistance to deicing road salts, pool decks with salt water pool systems, rain, sleet and snow are achieved due to our advanced chemical reactive formula. SS Deco Guard also meets cure & seal specs ASTM C-309, Type 1, Class A & B, AASHTO Spec M-148, Type 1, Class A & B so it can be applied directly to fresh poured concrete after all surface water has dissipated.

BENEFITS AND FEATURES

- Minimizes damage due to water and salt water from deicing road salts and salt water pool systems.
- Excellent penetration and adhesion to clean, unsealed new or old concrete.
- Non-yellowing Siloxane Methyl Methacrylate.
- VOC Compliant formula to meet EPA Aim regulations within the U.S. and Canada for concrete cure & seals.

RECOMMENDED APPLICATIONS

SSDeco Guard is recommended for use on new or existing pool decks, stamped concrete, stenciled concrete, acid stained concrete, overlaid concrete, exposed aggregate concrete, broom finish concrete, and trowel finish concrete. Other uses may be acceptable. SS Deco Guard can be used as a prime coat for SS Deco Guard Plus.

TECHNICAL INFORMATION

Solids	15+ or – 1%
Drying Time*	30 minutes to–1 hour
Re-Coat Time	4–24 hours
Foot Traffic	4–6 hours
Wheel Traffic	24–48 hours
Application Temperature	50°F–80°F
Wet Appearance	Clear to slightly hazy
Dry Appearance	Clear and Low Gloss
VOC Content	<350 g/l
Blush Resistance	Good
Solvent Resistance	Minimal
Concrete Adhesion	Excellent

**Please note that low air, concrete temperatures, and relative humidity may have an effect on drying times. Follow recommended coverage rates for best results.*

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B
AASHTO Specification M-148, Type 1, Class A & B

APPROXIMATE COVERAGE RATES

APPLICATION SURFACE	FIRST COAT	OPTIONAL SECOND COAT
New (unsealed) concrete	200–300 ft ²	275–375 ft ²
Old (unsealed) concrete	300–400 ft ²	350–400 ft ²

Coverage rates vary depending upon surface porosity, 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.

WHEN APPLIED AS A CURE & SEAL: SS Deco Guard may be applied on freshly placed concrete when all the surface water has dissipated and the surface is damp (not “wet”).

Substrate temperature and ambient temperature must be no less than 50°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. The material performs best when it's temperature at the time of application is between 60°F–70°F.

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

APPLICATION: Apply using an ³/₈" long nap roller cover using long even uniform strokes cross rolling at approximately 200–400 square feet per gallon depending job requirements, porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. 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 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 de-sired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. DO NOT USE ON BRICK.*

CLEAN UP

Use Xylene, Acetone or MEK. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

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

SHELF LIFE

SS Deco Guard has a shelf life of up to one year from manufacture date in its original, sealed, unopened container.

PACKAGING

SS Deco Guard is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

PRECAUTIONS AND LIMITATIONS

- SS Deco Guard will not freeze during storage, however, allow temperature to rise to 60°F prior to application.
- All HVAC ventilation ducts should be blocked prior to application so solvents fumes are not distributed. It is recommended to turn OFF the HVAC system.
- Keep away from open flames. SS Deco Guard is flammable and is very susceptible to ignition.
- It is not recommended to apply SS Deco Guard over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- SS Deco Guard was designed for decorative concrete and to be applied in two thin coats, not one thick coat.
- Please be aware that this product when cured may be slippery when wet.
- SS Deco Guard is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin SS Deco Guard. Improper thinning may cause sealer to delaminate in a short time frame.

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.

WARRANTY

SS Specialties warrants our products to be of good quality, free of defects and will conform to our published specification in force on the date of acceptance of the order. As the exclusive remedy for breach of this warranty, SS Specialties will replace defective materials ninety days after SS Specialties has shipped the product, all our warranty and other duties with respect to the quality of materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any said duties may thereafter be commenced. No warranty is expressed or implied as to the length of life of this product or merchantability or fitness. Liability, if any is limited to the purchase price of the material under no circumstances will SS Specialties be liable for a consequential damage to any in excess of the purchase price of their product.

