

SS EpoSeal 20



Technical Data Sheet (06/22/16)

NON-YELLOWING, PENETRATING EPOXY/ACRYLIC CONCRETE SEALER

PRODUCT DESCRIPTION

SS EpoSeal 20 is a non-yellowing, Water Based Epoxy-Acrylic designed for concrete sealing applications. SS EpoSeal 20 is a penetrating breathable coating that provides a satin or low gloss finish to a multitude of horizontal or vertical concrete and masonry finishes. SS EpoSeal 20 is self-crosslinking, which provides better film formation, early water resistance, adhesion, toughness and outstanding efflorescence and alkali resistance. SS EpoSeal 20 provides enhanced performance over traditional acrylics with better flexibility, chemical resistance, non-blushing, adhesion, durability and hot tire resistance. SS EpoSeal 20 is the recommended primer to receive the heavier bodied SS EpoSeal 38 for increased durability.

BENEFITS AND FEATURES

- Can be used as a means of dustproofing most concrete surfaces.
- Epoxy and acrylic properties give this product a tough and very durable finish.
- Deep penetrating and ultra low viscosity formula allows for easy application through sprayers.
- Superior efflorescence and alkali resistance compared to common solvent based acrylic sealers.

RECOMMENDED APPLICATIONS

SS EpoSeal 20 is recommended for use on stamped concrete, stenciled concrete, acid stained concrete, overlaid concrete, trowel finish concrete, and many other forms of interior or exterior decorative concrete.

TECHNICAL INFORMATION

Solids	20%
Drying Time*	1–4 hours
Re-Coat Time	4–24 hours
Foot Traffic	4–6 hours
Wheel Traffic	24–48 hours
Application Temperature	50°F–80°F
Wet Appearance	Milky White
Dry Appearance	Clear and Satin Finish
VOC Content	93 g/l
Blush Resistance	Good
Solvent Resistance	Superior
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

Dried film is USDA approved. Meets OTC, CARB, LADCO & SCAQMD VOC restrictions

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 moisture could be present 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 50°F and not exceed 85°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. A hand held pump up style sprayer may be used as well (Back rolling may be necessary when spraying). Due to high solids content, please test sprayer prior to entire application. *Do not allow to puddle!* Thick or puddle areas may prevent the water 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 soap and warm water. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured acrylic may be removed with a commercial stripper, but recommended removal is by way of mechanical means, including sanding, shot blasting, etc.

SHELF LIFE

SS EpoSeal 20 has a shelf life of one year in its original, sealed, unopened container.

PACKAGING

SS EpoSeal 20 is packaged in 1 gallon jugs, 5 gallon pails, and 55 gallon drums.

PRECAUTIONS AND LIMITATIONS

- SS EpoSeal 20 will freeze during storage. Do not store in areas where temperatures will drop below 32°F.
- It is recommended to store this product in an area where the temperature is between 50°F and 80°F.
- Do not allow SS EpoSeal 20 to be subject to any form of rain or moisture for 18–24 hours after application.
- It is not recommended to apply SS EpoSeal 20 over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- SS EpoSeal 20 was designed for decorative concrete and to be applied in two or three thin coats, not one thick coat.
- Please be aware that this product when cured may be slippery when wet.
- SS EpoSeal 20 should never be thinned or mixed with any form of solvent. Improper thinning may cause sealer to delaminate in a short time frame.
- SS EpoSeal 20 may slightly darken the surface of many new and existing concrete slabs. Test prior to use.
- Keep away from children.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information

prior to use. This information can be requested by contacting customer service at 866-906-2006.

WARRANTY

SS Specialties and its affiliates warrant 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 any consequential damages in excess of the purchase price of the product.



www.ssspecialtiesconcrete.com

Distributed by SS Specialties | 121 NE 40th Street | Oklahoma City, OK 73105 USA | Phone 866-906-2006 | Fax 405-525-3367