

SS Rainbow Water-Borne System



Technical Data Sheet (2/6/14)

EPOXY-ACRYLIC BASED COLORING SYSTEM FOR INTERIOR AND EXTERIOR

PRODUCT DESCRIPTION

SS Rainbow System is a quality tested water borne epoxy-acrylic based coloring method that penetrates and seals porous cementitious-based substrates. The SS Rainbow System may be used to color interior and exterior concrete. It may also be used to correct acid stain color problems and the antiquing for stamped work. SS Rainbow System consists of a pigment and base when mixed together, complete the SS Rainbow Water-Borne System.

BENEFITS AND FEATURES

- 30 standard colors to choose from with 10 offset colors for Sedona Acid Stain
- Unlimited number of custom colors
- Perfect coloring system to adjust acid or dye stain issues

RECOMMENDED APPLICATIONS

The SS Rainbow System may be used to color interior and exterior concrete. SS Rainbow System is perfect to correct acid stain or dye stain issues and can be easily applied with a brush for intricate work. SS Rainbow System may be used to enhance the appearance of stamped concrete and is part of the SS Specialties Greener product line.

TECHNICAL INFORMATION

Solids 15-18% by weight and 13-16% by volume
Finish Top coat with SS Sealers for maximum durability
Coverage 240 sq. ft. per gallon at 1 mil dry film
Drying Time (to touch) 2 hours at 77°F
Drying Time (re-coat) 4 hours at 77°F
Application Temperature Above 40°F

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

SS Rainbow Water-Borne system is VOC and OTC compliant in all areas of the United States and many foreign nations.

APPROXIMATE COVERAGE RATES

240 sq. ft. per gallon at 1 mil dry film.
Coverage rates above reflect approximate coverage of finished product (per gallon) applied per instructions. Coverage rates vary depending upon surface porosity and texture, and application method. Follow directions for best results.

INSTRUCTION FOR USE

PREPARATION: Prepare the substrate in accordance with the ICRI Guideline No. 03732 with a minimum concrete surface profile (CSP) of 1. This will insure that the surface is clean, dry, and free of grease, oil, sealers and open to receive the SS Rainbow System. Profiling may be accomplished with SS Surf Prep used full strength on a tightly machine troweled surface and diluted with as much as 2 parts water for a concrete surface that is less dense. Be sure and read the Technical Data information on SS Surf Prep. When Rainbow is applied to stamped concrete, care must be taken to remove all SS Clear Liquid Release prior to the application of SS Rainbow System.

APPLICATIONS: The SS Rainbow System has two parts: pigment and base. Add the concentrated color solution to the epoxy-acrylic base. Rinse the remaining color out of the bottle with two ounces of base. Mix the solution thoroughly before AND during use to keep the pigments suspended. The recommended application method is an high volume low pressure sprayer (HVLP). It may also be applied with an airless sprayer (.17 - .21 tip), roller, brush, garden sprayer or a spray bottle for smaller areas. Be aware that puddling may cause separation of pigments and distortion of color. Conduct tests whenever possible to affirm color choices and techniques prior to application on the larger project. Do not apply in temperatures lower than 45°F or more than 90°F.

SEALING: Apply SS Sealers after 4 hours of dry conditions and 70°F temperatures.

WAXING: SS Cherry Wax can be applied to protect the sealer.

CLEAN UP

Use warm soapy water. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

SS Strip-A-Lot can be used.

SHELF LIFE

SS Rainbow Water-Borne pigment and base has a shelf life of one year in it's original, sealed, unopened container.

PACKAGING

SS Rainbow Water-Borne base comes in 1 or 5 gallon pails.

SS Rainbow Water-Borne pigment come in appropriate sizes to be mixed with the base completing the SS Rainbow System.

The sample kit contains 6 premixed colors.

PRECAUTIONS AND LIMITATIONS

- SS Rainbow Water-Borne pigment and base should be protected from freezing.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- SS Rainbow Water-Borne System may be mixed to form various colors. Note, we cannot be held responsible for color outcome.
- SS Rainbow Water-Borne pigment and base should be kept away from children.
- The statements made within this technical data sheet, SDS, product labels, etc are guidelines only. The end user should always perform tests and product evaluations prior to application to ensure suitability for particular uses.

SPECIAL NOTES

The statements made on this technical data sheet, as well as MSDS, Product labels, etc are guidelines only. The end user should always perform tests and product evaluations prior to application to ensure suitability for particular uses.

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.



www.ssspecialtiesconcrete.com

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