

SS DYE-namic Interior Polishing



Technical Data Sheet (05/12/15)

TRANSLUCENT INTERIOR CONCRETE DYE

PRODUCT DESCRIPTION

SS DYE-namic Interior Polishing Formula is composed of finely ground color particles in solution. SS DYE-namic Interior Polishing Formula is designed to penetrate open concrete surfaces. Twenty (20) SS DYE-namic Interior Polishing Formula colors may be used alone, combined or applied over another color to create monochromatic, multi shaded, multicolored, variegated and unique designs that will not chip, crack or peel. Using this product installs in considerably less time than reactive acid stains or water based stains.

BENEFITS AND FEATURES

- Solvent-based dye is fast drying and an easy spray application.
- Provides a beautiful mottled effect similar to acid stain.
- Interior Polishing formula has 20 premixed colors.
- 3 primary colors for creating unique blended custom colors.

RECOMMENDED APPLICATIONS

SS DYE-namic Interior Polishing Formula is recommended for most cured, unsealed interior concrete substrates. Do not apply to a floor that has been sealed prior until all sealer has been completely removed and the concrete is acid etched or diamond ground per ASTM Specs.

TECHNICAL INFORMATION

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|-----------------------|------------------|------------------------|-----------|
| Solids | N/A | VOC Content | 0 g/l |
| Drying Time | Approx 5 minutes | Blush Resistance | N/A |
| Application Temp..... | 40°F–85°F | Solvent Resistance ... | N/A |
| Wet Appearance | Colored Liquid | Concrete Adhesion | Excellent |
| Dry Appearance | Colored Powder | | |

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 DYE-namic Interior Polishing Formula is VOC and OTC compliant in all areas of the United States and many foreign nations.

APPROXIMATE COVERAGE RATES

- 5 Gallon: Approximately 2,000–3,000 square feet.
- 1 Gallon: Approximately 400–600 square feet.
- 1 Quart: Approximately 100–150 square feet.

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: Test areas are strongly recommended on the actual surface of the proposed application. Testing in several areas of the concrete will better determine suitability, coverage, and approximate final results. The application area should be clean and free from all forms of dirt, oil, alkali, paint, cure & seals, and any other form of contaminant. Protect all areas not to be dyed accordingly. Apply SS DYE-namic Interior Polishing Formula only to dry, neutral concrete surfaces.

MIXING: SS DYE-namic Interior Polishing Formula is packaged only in a powder form which needs to be mixed with acetone in 1 quart, 1 gallon, or 5 gallon increments. Empty SS DYE-namic Interior Polishing Formula into appropriate amount of acetone per instructions (this will depend on the size of the bottle

purchased). Using the re-closable acetone container is recommended for mixing. Blend the mixture by stirring the open container, or by shaking the closed container for 30 seconds. **Do not use any form of electrical equipment to mix the dye with the acetone.** Allow the mixture to dissolve for at least 3 hours prior to application. If a slower drying solution that will create a better mottled effect is desired, add the recommended amount of SS Dye Penetration and Mottling Agent at any time prior to application, per instructions. SS Dye Penetration and Mottling Agent is not recommended for porous concrete surfaces. It is recommended to follow the manufacturer of the acetones instructions and the Safety Data Sheet (SDS) for exposure limitations and safe handling practices.

APPLICATION: Apply SS DYE-namic Interior Polishing Formula using an acetone sprayer with a #6 or #8 tip, keeping the tip approximately 24 inches from the surface. Apply in a uniform circular motion, not allowing the dye to puddle. The concrete surface should appear wet for just a few seconds when applied properly. Dab up any puddle or excess dye with a clean rag to allow the surface to dry evenly. Allow SS DYE-namic Interior Polishing Formula to dry for approximately 5 minutes. Apply the dye after polishing with a 200 grit resin pad. If needed, a second application of SS DYE-namic Interior Polishing Formula may be applied prior to the final cycle.

CLEANING: SS DYE-namic Interior Polishing Formula may leave residual dye on the surface after each application. It is recommended to dry buff using a buffer/burnisher with a white pad to remove loose dye. DO NOT USE WATER. Vacuum or dust mop loose dye prior to sealing application. Neglecting to clean residual dye could affect performance by acting as a bond breaker between the surface and any sealer/coating application.

SEALING: SS Polishing Guard is the recommended product. Follow the directions on SS Polishing Guard's technical data.

CLEAN UP

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

PRODUCT REMOVAL

SS DYE-namic Interior Polishing Formula is a concrete dye and cannot be chemically stripped. A commercial sand blaster, floor sander, diamond grinder, or another similar mechanical machine is necessary.

SHELF LIFE

SS DYE-namic Interior Polishing Formula has a shelf life of one to two years in it's original, sealed, unopened container.

PACKAGING

SS DYE-namic Interior Polishing Formula is packaged in sample bottles, 4 ounce (makes 1 quart), 16 ounce (makes 1 gallon) and 128 ounce (makes 5 gallon) containers. All sizes are special order only.

PRECAUTIONS AND LIMITATIONS

- SS DYE-namic Interior Polishing Formula will not freeze in storage, however, storage in areas between 50° F and 85° F is recommended.
- All HVAC ventilation ducts should be blocked prior to application so solvent fumes are not distributed. It is recommended to turn OFF the HVAC system.
- SS DYE-namic Interior Polishing Formula is extremely flammable (mixed product). Do not smoke. Keep away from open flame and heat, including pilot lights. It is recommended to extinguish all pilot lights.
- It is not recommended to apply SS DYE-namic Interior Polishing Formula over carpet, tile, or other types of floor adhesives.

- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- SS DYE-namic Interior Polishing Formula should only be used at the recommended dilution rate (never straight).
- SS DYE-namic Interior Polishing Formula should only be sprayed. Refer to instructions under the heading Application.
- SS DYE-namic Interior Polishing Formula may be mixed to form various colors. Note, we cannot be held responsible for color outcome.
- SS DYE-namic Interior Polishing Formula is a permanent application. Please test prior to use.
- SS DYE-namic Interior Polishing Formula was designed for interior concrete. It is not recommended for exterior applications.
- The statements made within the 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

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 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.

