

Diamond Shine

350 VOC, HIGH GLOSS, UV RESISTANT 25% ACRYLIC COPOLYMER CONCRETE SEALER/CURE & SEAL

PRODUCT DESCRIPTION

Diamond Shine Decorative Concrete Sealer is a high gloss, UV Resistant acrylic copolymer concrete sealer intended as a cure/ cure and seal for all types of concrete. It offers improved resistance to rain, 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, **Diamond Shine** provides superior adhesion to properly prepared concrete. It can be considered an ultimate multi-use concrete sealer. Recommended for use on Stamped Concrete, Stenciled Concrete, Acid Stained Concrete, Overlaid Concrete, Exposed Aggregate Concrete, Broom Finish Concrete, Driveways, Trowel Finish Concrete, and Concrete Countertops and can be used as a means of dustproofing most concrete surfaces. Formulated at a medium viscosity allows for easy application through sprayers. Its ease of use, high gloss, and superior resistance to weather issues makes **Diamond Shine** a contractor favorite.

BENEFITS/FEATURES

- ◆ Can be used as a means of dustproofing 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.
- ◆ It's ease of use, high gloss, and superior resistance to weather issues makes this a contractor favorite.

RECOMMENDED APPLICATIONS

Diamond Shine 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%	Wet Appearance.....	Clear to lightly cloudy
Drying Time.....	1 - 2 hours	Dry Appearance.....	Clear and Medium Gloss
Re-Coat Time.....	4 - 24 hours	VOC Content.....	<350 g/l
Foot Traffic.....	4 - 6 hours	Blush Resistance.....	Good
Wheel Traffic.....	24 - 48 hours	Solvent Resistance.....	Minimal
Application Temp.....	40°F - 85°F	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 ” ASTM C 309, Type 1, Class B
“ ASTM C-1315 Type 1, Class A ” DRIED COATING IS USDA ACCEPTED

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
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.

SHELF LIFE

Diamond Shine has a shelf life of up to two years in it's original, sealed, unopened container.

PACKAGING

Diamond Shine is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.



Deco-Crete Supply
133 North Kohler Road
Orrville, Ohio 44667
Phone: 330-682-5678 Fax: 330-682-7907
www.deco-cretesupply.com

DECORATIVE SEALERS

Diamond Shine

INSTRUCTIONS 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 degrees F and not exceed 80 degrees 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: Spray- Apply using a Chapin style solvent resistant sprayer that has a 1 gallon per minute tip. It is recommended to back roll after spraying to ensure uniform coverage. When back rolling, use a 1/4" nap, solvent resistant roller cover and follow quickly behind the wet edge of the sprayer. Do not roll back and forth excessively as bubbling can occur. **Roll-** use a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 250-350 square feet per gallon depending on porosity and texture of substrate. 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. For optimal results apply two THIN coats on an overcast day, or early in the morning or at dusk. Do not apply in the middle of the day as the heat will cause the solvent in the sealer to evaporate prematurely.

*Keep **Diamond Shine** in a cool place before applying

For detailed instructions when resealing with **Diamond Shine please visit www.deco-cretesupply.com

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 paint stripper, such as *Soy-Gel* or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ▶ **Diamond Shine** will not freeze during storage, however, allow temperature to rise to 50 degrees 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. **Diamond Shine** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **Diamond Shine** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Diamond Shine** 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.
- ▶ **Diamond Shine** is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin **Diamond Shine**. Improper thinning may cause sealer to delaminate in a short time frame.
- ▶ **Diamond Shine** 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 330-682-5678 or visit www.deco-cretesupply.com.

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