

# DIAMOND SHINE

350 VOC, UV Resistant High Gloss 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	Alkalinity 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 & B

ASTM C 1315, Type 1, Class A

Dried Coating is USDA Accepted

## Approximate Coverage Rates

New (unsealed) concrete	250-350 ft <sup>2</sup> (First Coat)	350-400 ft <sup>2</sup> (Second Coat)
Old (sealed) concrete	350-400 ft <sup>2</sup> (First Coat)	350-400 ft <sup>2</sup> (Second Coat)

\*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.

### ORRVILLE

133 North Kohler Road  
Orrville, Ohio 44667  
(330) 682-5678

### CLEVELAND

7941 Granger Road  
Cleveland, Ohio 44125  
(216) 573-0770

### COLUMBUS

690 Harrison Drive  
Columbus, Ohio 43204  
(614) 253-3326



www.eco-cretesupply.com

## **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°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.

**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 and 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](http://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 substrate 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 Nock Off or by using a diamond grinding method, sandblasting method or similar mechanical action.

## **Precautions & Limitations**

- Diamond Shine will not freeze during storage, however, allow temperature to rise to 50°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, etc.
- Diamond Shine was designed for decorative concrete and to be applied 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 Safety Data Sheet (SDS) and read warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

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