

D-ONE

Siloxane Modified Methyl Methacrylate Sealer - Low Sheen

Product Description

D-One is a non-yellowing, low sheen, siloxane modified methyl methacrylate with a low viscosity for better penetration on concrete substrates. D-One's unique siloxane modified methyl methacrylate formulation provides superior water and salt resistance compared to standard sealers used to protect exterior concrete. Improved resistance to de-icing road salts, pool decks with salt water pool systems, rain, sleet and snow are achieved due to our advanced chemical reactive formula. D-One also meets cure & seal specs ASTM C-309, Type 1, Class A & B, AASHTO Spec M-148, Type 1, Class A & B so it can be applied directly to fresh poured concrete after all surface water has dissipated.

Benefits & Features

- Minimizes damage due to water and salt water from de-icing road salts and salt water pool systems.
- Excellent penetration and adhesion to clean, unsealed new or old concrete.
- Non-yellowing touch siloxane methyl methacrylate.
- Can be applied as a reseat on certain Deco-Crete Supply's solvent based acrylic sealers or equivalent (test for compatibility first)
- VOC compliant formula to meet EPA Aim regulations within the U.S. and Canada for concrete cure and seals.

Recommended Applications

D-One is recommended for use on new or existing pool decks, 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	15 ± 1%	Wet Appearance	Clear to Slightly Hazy
Drying Time	30 min. - 1 Hour	Dry Appearance	Clear and Low 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	50°F - 80°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 • AASHTO Specification M-148, Type 1, Class A & B

Approximate Coverage Rates

New (unsealed) concrete 200-300 ft² Old (sealed) Concrete 300-400 ft²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

Shelf Life

D-One has a shelf life of one year from manufacture date in it's original, sealed, unopened container.

Packaging

D-One 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 containments, the sealer may have white spots and have premature delamination and failure.

When applied as a Cure & Seal the D-One may be applied on freshly placed concrete when all the surface water has dissipated and the surface is damp (not “wet”).

Substrate temperature must be no less than 50 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. The material performs best when it’s temperature at the time of application is between 60°F - 70°F.

Mixing: Stir well before using. Material may separate during long term storage.

Application: Apply using a 3/8” long nap roller cover using long even uniform strokes at approximately 200-400 square feet per gallon depending on porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. 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.

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. DO NOT USE ON BRICK.

Clean-Up

Use Xylene, Acetone or MEK. 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

- This product will not freeze during storage, however, allow temperature to rise to 60 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. D-One is flammable and is very susceptible to ignition.
- It is not recommended to apply D-One over carpet, tile, and other types of floor adhesives.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- D-One works best when applied in two thin coats, not one thick coat.
- Please be aware that this product when cured may be slippery when wet. To reduce slip hazards add Deco Grip as needed or other type of anti slip additive.
- D-One is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin D-One. Improper thinning may cause sealer to delaminate in a short time frame.

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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