

DECO-BLOCK

Concrete & Masonry Water Repellent/Impregnating Agent

Product Description

Deco-Block is a 7.5% active water-based siloxane/silane water repellent and impregnating agent for porous masonry surfaces such as concrete, block, brick, and unglazed tile. Deco-Block will penetrate and chemically bond deep within the substrate to provide long lasting protection against deterioration or staining due to water conditions. Deco-Block will not impair the natural breathing characteristics of treated substrates, nor will it produce a film. Deco-Block will help concrete and masonry surfaces to resist common issues such as cracking, efflorescence, spalling, staining, and other damages caused by intrusion of water.

Benefits & Features

- Deeply penetrating porous surfaces, it provides superior water repellency, while allowing surface to breathe.
- Provides excellent resistance to mold, mildew, and fungus
- Containing low VOC's and being solvent free allow for safe application in occupied buildings.
- Superior efflorescence and strong alkali resistance compared to common solvent based acrylic sealers.

Recommended Applications

Deco-Block is recommended for interior and exterior, horizontal or vertical, porous masonry and concrete surfaces where a deep penetrating, water based water repellent is specified.

Technical Information

Solids	7.5% (active)	Wet Appearance	Milky White
Drying Time	1-2 Hours	Dry Appearance	Clear and Invisible
Re-Coat Time	Refer to Instructions	VOC Content	<0 g/l
Foot Traffic	8-12 Hours	Blush Resistance	Good
Wheel Traffic	24-48 Hours	Alkalinity Resistance	Excellent
Application Temp	50°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

Dried coating is USDA accepted.

Approximate Coverage Rates

Concrete Surfaces (Precast, pavers, cast-in-place, brick, tile)	150-300 ft ²
Fired Clay Surfaces (Brick, tile, terra cotta, pavers)	100-250 ft ²

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

Shelf Life

Deco-Block has a shelf life of one year in it's original, sealed, unopened container.

Packaging

Deco-Block 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: Prior to surface preparation, protect people, property, automobiles, plants and any other non-masonry surfaces and objects from the material, wind drift, and splash, residue, and fumes of the material. Protecting and diverting pedestrians and automobile traffic is also recommended.

Proper surface preparation is highly important. Use the proper cleaning detergent for the substrate at hand. It is recommended that Deco-Block be applied on a clean, visibly dry and absorbent surface, although it may be ok to apply on a slightly damp surface as well. Please note that excessive moisture inhibits good penetration, which can reduce the life and performance of the coating. Newly constructed and repainted substrates should be fully cleaned and cured prior to application. Always test for compatibility!

The temperatures of the air and the surface are very pertinent aspects of applying any coating. The minimum temperature of the air and surface must be at least 40°F during application, and for at least 8 hours after. If freezing conditions exist prior to application, it is highly recommended that the substrate be allowed to fully thaw, Should this recommendation not be followed, the siloxane/silane can freeze causing poor penetration and significantly impairing the results of the application. Also, air and surface temperatures should never exceed 95°F. Temperatures at the height will evaporate the water carrier and reduce the penetration as well.

Proper equipment should be used when applying Deco-Block. A brush, roller, or low pressure sprayer should be used to apply. If using a sprayer, be sure the psi is no greater than 20. Set the sprayer to achieve a good, wet stream, avoiding atomization of the product. Be sure that any container used for mixing or material handling is clean, free of any debris and uncontaminated.

Application: Before applying material, please read full technical data sheet for proper preparation, application, and to be sure to follow all safety measures guide lined in this report. Always test any substrate before overall application to ensure desired results. Please test using the following application instructions. Also, let the test area dry completely before final inspection and approval.

Horizontal Application Instructions: Saturate substrate in a single application with enough material to keep the substrate wet for at least 2-3 minutes before penetration. Broom out puddles until surface is penetrated. Re-apply a second coat. Coated surfaces should dry to touch in approximately one hour. The coated substrate should be protected from weathering conditions for at least 8 hours after application. A neutral pH surface may need several days to achieve full water repellency.

Vertical Application Instructions: For best results, apply Deco-Block "wet-on-wet" to a dry and absorbent surface. When using a sprayer, saturate from the bottom up while applying enough material for a 4"-8" rundown below the spray contact point. Let the first application penetrate the substrate for at least 5-10 minutes. Re-apply the material, less material will be needed for the second application. When using a brush or roller, saturate the surface uniformly, letting Deco-Block penetrate 5-10 minutes. Brush out heavy runs and drips that show signs of no penetration. Apply second coat for maximum protection.

Cleanup tools, equipment, and any surface or object affected by overspray with soap and warm water.

Substrates coated with Deco-Block can be coated with silicone emulsion paints and many oil based paints as well. Testing is always necessary and recommended to assure proper adhesion. Adhesion may be improved if the surface is pressure washed and allowed to dry prior to application. Deco-Block is not a paint primer. Adhesion of cementitious coatings, stucco, plaster, etc., may be adversely affected. These types of substrate treatments should be installed and allowed to fully cure before applying Deco-Block. Always test to verify compatibility.

Clean-Up

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

Product Removal

Coating deeply penetrates surface. Removal is not recommended.

Precautions & Limitations

- Deco-Block will freeze during storage. Do not store in areas where temperatures will drop below 32°F.
- It is recommended to store this product in an area where the temperature is between 50 and 80 degrees F.
- Do not allow Deco-Block to be subject to any form of rain or moisture for 18-24 hours after application.
- It is recommended to apply Deco-Block over unsealed concrete only.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, etc.
- Deco-Block was designed for a water repellent for porous surfaces. Not intended as a decorative topcoat.
- Deco-Block will not keep water out of cracks, defects, or open joints.
- Deco-Block should never be thinned or mixed with any form of liquid or solvent.
- Please know that it may take up to 72 hours for Deco-Block to obtain its water repellency properties.
- Deco-Block may slightly 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. FOR PROFESSIONAL USE ONLY! DO NOT DILUTE!

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