

# ULTRASIL DC9

## WATER BASED DENSIFIER AND CURE FOR CONCRETE



**EUCLID CHEMICAL**

### PACKAGING

5 gal (18.9 L) pail  
Code: 053F 05  
55 gal (208 L) drum  
Code: 053F 55  
275 gal (1041 L) tote  
Code: 053F 27

### APPROXIMATE COVERAGE

1 gal (3.8 L) of ULTRASIL DC9 will cover 800 to 1,200 ft<sup>2</sup> (74 to 111 m<sup>2</sup>) depending upon the finish and porosity of the concrete.

### CLEAN UP

Clean brushes, tools, equipment and flush sprayer with potable water immediately after use.

### SHELF LIFE

2 years in original, unopened package

### SPECIFICATIONS AND COMPLIANCES

- Meets the moisture retention requirements of ASTM C309 Type 1D, Classes A & B on hard troweled surfaces
- USGBC LEED Version 4, BD&C, ID&C
- ANSI/GBI 01, Green Building Assessment Protocol
- The WELL Building Standard

### DESCRIPTION

ULTRASIL DC9 is a water based silicate solution used to densify and cure concrete. It chemically reacts with the concrete surface to enhance hydration of portland cement, helping the concrete reach its design properties. ULTRASIL DC9 becomes an integral part of the concrete, resulting in floors that are denser, more durable, and easier to maintain. ULTRASIL DC9 may be applied to both freshly placed or existing concrete.

### PRODUCT CHARACTERISTICS

#### PRIMARY APPLICATIONS

- Interior, hard-troweled concrete floors (including hard-troweled floors that will eventually be interior, but are not yet enclosed - \*SEE PRECAUTIONS/LIMITATIONS)

#### FEATURES/BENEFITS

- Water based, no odor
- Compatible with subsequent application of densifiers such as Eucosil, UltraSil Li+, UltraSil 7, and Euco Diamond Hard
- Meets the moisture retention requirements of ASTM C309 Type 1D, Classes A & B on hard troweled surfaces
- Treated concrete resists penetration of water
- Low VOC
- Breathable
- Will not inhibit the adhesion of sealers, coatings, toppings, or coverings

#### APPEARANCE

ULTRASIL DC9 is a clear liquid that does not change the appearance of concrete.

#### TECHNICAL INFORMATION

Specific Gravity: 1.1  
VOC content: ≤ 5 g/L

---

## DIRECTIONS FOR USE

ULTRASIL DC9 is for use on interior, hard-troweled concrete floors (including hard-troweled floors that will eventually be interior, but are not yet enclosed - \*SEE PRECAUTIONS/LIMITATIONS). ULTRASIL DC9 may be applied on freshly placed concrete after final finishing and/or to existing cured concrete. It is ready to use and requires no pre-mixing or dilution.

On freshly placed concrete, apply by low pressure sprayer equipped with a fan tip immediately after final finishing operations and after disappearance of bleed water. Distribute the ULTRASIL DC9 evenly with soft bristle brooms/brushes or a microfiber pad. **Application of ULTRASIL DC9 in excess of the coverage rates outlined on page 1 will cause a white residue to form on the surface upon drying. This residue can typically be removed with stiff brooms or power scrubbers (depending on size of area) after the concrete has hardened sufficiently.**

When applying to existing, cured concrete, ensure the surface is free of curing compounds, bond breakers, oil, dirt, grease or other debris. If necessary, clean concrete surfaces with EUCO CLEAN & STRIP and thoroughly flush with water.

Apply ULTRASIL DC9 using low pressure spray equipment, equipped with a fan or conical tip. **To prevent over-application and puddling, the tip should not exceed 0.50 gallons per minute (GPM) flow rate.**

---

## PRECAUTIONS/LIMITATIONS

- Prevent ULTRASIL DC9 from freezing. In the event of freezing, thaw and stir or agitate before using.
- Protect metal, glass, wood, paint or brick from contact with ULTRASIL DC9. If accidentally oversprayed on these surfaces, wash surface with clean water immediately.
- Allow the product to dry 4 to 6 hours at 70 °F (21 °C) before exposure to heavy traffic.
- When a curing compound meeting all the requirements of ASTM C309 is required, KUREZ DR VOX is recommended.
- When using ULTRASIL DC9 on hard-troweled slabs that will eventually be interior, but are not yet enclosed, it is critical to ensure proper spraying equipment and coverage rate are being used. Exterior conditions (windy, hot, dry, etc.) during application will greatly accelerate the drying of ULTRASIL DC9, making it very challenging to brush or roll out puddled material prior to it drying and leaving a white residue.
- In all cases, consult the Safety Data Sheet before use.

Rev. 11.24

---

**WARRANTY:** The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.