

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 300 to 800 ft² (28 to 74 m²) 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

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 surfaces only. 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. Over application and puddling may leave a white residue upon drying, which can be removed with stiff brooms or power scrubber 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 by low pressure sprayer equipped with a fan tip, and distribute evenly so that puddling does not occur. Apply additional ULTRASIL DC9 to porous areas of floor that may be more absorptive.

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.
- Not for use as a curing compound over dry shake hardeners
- 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.
- In all cases, consult the Safety Data Sheet before use.

Rev. 05.23

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