

DH6 Concrete Denisifer increases the surface hardness and enhances the concrete's abrasion resistance. DH6 reacts with the free lime in the concrete to form calcium silicate. When calcium silicate forms in the surface pores of the concrete it creates a harder and denser surface providing a permanent, attractive sheen that may be burnished or polished.

Advantages

- Easy application, no scrubbing or flushing needed. No caustic wastewater.
- Penetrates deeply into concrete to densify and harden the surface.
- May be burnished.
- Rapid return to service.
- Breathable, UV stable. Will not yellow.
- Protects against scratching or peeling.
- VOC compliant, non-flammable, non-toxic & low odor



PACKAGING

1 Gallon Jug
5 Gallon Pail
55 Gal. Drum
Tote

TECHNICAL DATA

FORM	CLEAR, COLORLESS LIQUID
SPECIFIC GRAVITY	1.10
pH	11.5
WT/GAL	9.17 lbs
ACTIVE CONTENT	15% to 20%
TOTAL SOLIDS	15% to 20%
VOC CONTENT	>100 g/L
FLASH POINT	>212° F (>100° C)
FREEZE POINT	32° F (0° C)
SHELF LIFE	2 years in tightly sealed, unopened container

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Storage and Handling:

Store in a cool, dry place in an upright position. Seal container after dispensing. Maintain temperatures of 40–100°F (4–38°C). Do not allow freezing. Dispose of in accordance with local, state and federal regulations.

24 Hour Emergency Information contact Chemtrec 800-262-8200

Dilution & Mixing:

Recommended as packaged, may be diluted as desired.

Recommended on:

Ideal for use on concrete that has a Mohs hardness rating between 5 & 6.

Application Preparation:

Protect, vehicles, property, plants and all surfaces not designated to receive DH6. Surfaces must be clean and structurally sound. Remove all foreign materials including bond breakers, curing agents, surface grease and oil, and construction debris using the appropriate method. DH6 can be applied to new or aged concrete. Application may vary depending on the desired result, concrete

composition, concrete porosity and other job site conditions. Every project will present variables that may require adjustment of application procedures.

Diamond Grinding / Polishing:

Sand, or grind the concrete with a floor sander, orbital floor machine or diamond grinder as needed to achieve desired exposure. Apply DH6 after 200 grit resin bond diamonds. Remove all dust and debris using a floor scrubbing machine and fresh water. Allow surfaces to dry. Mix DH6 thoroughly before pouring into sprayer. Apply undiluted product with sprayer or microfiber pad. Using a low pressure sprayer, apply a single layer of DH6 to wet the

Continued

Instructions *continued*

surface without creating puddles. Use a clean microfiber pad to spread product evenly and ensure uniform wetting. Always maintain a wet edge to avoid overlay marks and streaks. Avoid spreading once drying begins. Scrubbing is not necessary. Surface should remain wet for 10-15 minutes. Adjust application rate accordingly. Allow treated surfaces to dry at least one hour. Grind with 400 grit resins.

Steel Troweled/Burnished Concrete:

Once concrete is free of any dirt or residue, use a low pressure sprayer to apply a single saturating coat of DH6. Apply sufficient material to wet the surface without allowing puddles. With a microfiber pad, spread product evenly and ensure uniform wetting. To avoid overlapping marks always maintain a wet edge when applying and avoid spreading once drying begins. Surface should remain wet for 10-15 minutes, scrubbing is not necessary. Allow treated surfaces to dry at least one hour. Once dry, burnish with a high speed machine and diamond impregnated pad (800 grit) to remove residue and enhance the surface appearance. Apply a second coat of DH6 for increased hardening and then burnish with a 1500 grit diamond impregnated pad once dry.

Estimated Coverage Rates:

- 250–800 sq.ft. per Gal.

NOTE: Variations in concrete age, quality, porosity, temperature and relative humidity will affect coverage rates and drying times. Calculate the target coverage rate by testing a section of the prepared surface using the application instructions.

Note The floor may return to service once dry. Maximum water resistance will develop over 7 days.

Protective Treatment:

For additional protection and shine apply CRP's Shine & Shield.

Clean-up:

Before the product dries, clean tools and equipment with fresh water. Immediately wash off over spray from glass, aluminum, polished or other surfaces with fresh water.

Warranty

CRP can not anticipate every variation of each job site therefore the purchaser shall make their own tests to determine suitability of such products and application. Concrete Restoration Products, Inc. warrants this product to be free from defects. Where permitted by law, CRP makes no other warranties with respect to this product, expressed or implied. CRP's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied.

This warranty may not be modified by representatives of CRP, its distributors or dealers.