



111.41

H&C®

**SHIELD-CRETE
CLEAR GLAZE**

PRODUCT DESCRIPTION

H&C® Shield-Crete Clear Glaze is a low VOC, one component clear waterborne acrylic sealer. The clear glaze will provide superior protection for the **Shield-Crete decorative flakes**. The Clear Glaze can also be applied to bare interior concrete surfaces.

Features:

- Protective barrier for Decorative Flakes
- Solvent-free formula provides easy soap and water cleanup.
- Resists common chemical agents and is stronger than many industrial coatings
- Provide a uniform sheen on porous surfaces
- Minimize dusting on bare concrete

Recommended Uses:

- Garage Floors
- Patios and Walkways
- Pool Decks
- Athletic Courts
- Basement Floors

CHARACTERISTICS

Color:

Milky white on application; dries clear.

Recommended Spreading Rate per coat over flaked Shield-Crete:

Dry Film .75 mils
Coverage: 400 sq. ft per gal.

Recommended Spread Rate per coat on bare concrete:

Coverage: 100-200sq ft /gal

*Coverage and spread rate will vary depending on the porosity and texture of the substrate

Drying Time, @ 77°F, 50% RH:

temperature and humidity dependent
To touch: 1 hours
Recoat: Minimum 4 hours
Light traffic: 12 hours
Heavy traffic: 72-96 hours

Full Cure should be reached in 14 days
*NOTE: High humidity and /or low temperatures will affect drying time.

Flash Point: >210°F

Finish: Gloss

VOC 69 g/L; .576 lb/gal

Volume Solids: 26 ± 2%

Weight Solids: 28 ± 2%

Vehicle Type: Acrylic

Shelf Life: 36 months, unopened
(store indoors at 60 degrees F to 95 degrees F)

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Bare Concrete: Newly poured concrete must be at least 28 days old. All concrete must be clean, dry and free of grease, oil, etc. If mold, mildew or fungus is present, kill and remove with a solution of one-cup household bleach to one gallon of water.

H&C® Shield-Crete Clear Glaze is designed for newly applied Shield-Crete Epoxy so minimal surface preparation should be required. If necessary, Remove foreign substances. Scrape off any surface debris, such as putty, paint or oily dirt, so that the surface is smooth and even. Use running water or pressure washer to flush the entire area to remove any loose dirt and debris from the surface. Use a **H&C® Cleaner Degreaser** on oil or grease spills where necessary. Rinse the entire surface with clean water to remove all cleaning residue.



H&C[®] SHIELD-CRETE CLEAR GLAZE

APPLICATION

Install Shield-Crete at temps between 60°F & 95°F and when relative humidity is less than 80%. Please reference the Installation guide for complete application instructions.

Allow Shield-Crete Epoxy 24 hours drytime before application of the Glaze coat. Brush and roll the glaze using 1/4 to 3/8" nap roller cover. If a second coat is desired allow a minimum of 4 hrs between applications of Shield-Crete Clear Glaze.

Bare concrete should be allowed to dry for 24 hrs before coating. Apply two coats of Clear Glaze with a 1/4"-3/8" nap roller cover to bare concrete surfaces. Allow 4hrs between coats of Clear Glaze.

The nonskid additive should be mixed and applied to the final coat of **H&C[®] Shield-Crete Clear Glaze**.

*The nonskid additive will settle while during application. Periodic stirring during the application is needed to assure uniform application of the non-skid aggregate.

Brush—Use a nylon/polyester brush
Roller—Use a high quality 1/4"-3/8" nap roller cover

CHEMICAL RESISTANCE

Motor Oil:	Pass
Power Steering Fluid:	Pass
Transmission Fluid:	Pass
Gasoline:	Pass
WD-40:	Pass
Hot Tire:	Pass

MAINTENANCE

Allow **H&C[®] Shield-Crete Clear Glaze** to cure 14 days before washing or cleaning. After curing the clear glaze can be cleaned using a neutral type cleaner. Dilute using 3 parts water to 1 part cleaner. Used soft bristle brush or sponges on the surface.

If removal of the **H&C[®] Shield-Crete Clear Glaze** is desired use an ammoniated cleaner/stripper. Rinse with a neutral type cleaner to remove any residue that might have been left during stripping process. Follow above application methods to recoat **H&C[®] Shield-Crete Clear Glaze**

ORDERING INFORMATION

Part Number	
Gallon	20.003000
SMIS	
Gallon	165-0696

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Sticky resin or residue on hands can be removed with isopropyl alcohol.

CAUTIONS

Label Caution

Use only with adequate ventilation. To avoid over-exposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

TECHINCAL SERVICES

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of H&C concrete coatings and The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your H&C or Sherwin-Williams representative to obtain the most recent Product Data sheet