



- Solvent free
- Easy soap-and-water cleanup
- Produces a gloss sheen
- Highly chemical resistant

H&C® SHIELD-CRETE® ACRYLIC CLEAR GLAZE COAT



PRODUCT DESCRIPTION

H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat is a one-component waterborne acrylic sealer specially designed to lock in the decorative flakes of H&C® SHIELD-CRETE® Water-Based Epoxy Garage Floor Coating. It can also be used to protect and enhance bare interior concrete floors.

FEATURES & BENEFITS

- Provides a Protective barrier for Decorative Flakes
- Water-Based formulation allows for easier application and clean-up
- Provides a tough, durable attractive gloss finish
- Provides a uniform sheen on porous surfaces

RECOMMENDED USES

In addition to garage floors, H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat can be used on all interior concrete flooring including basement floors, laundry room floors, storage areas, commercial floors and warehouse floors. It can also be applied to covered exterior concrete, such as patios and landings.

COVERAGE RATE

On H&C® SHIELD-CRETE® floors: 400 square feet per gallon (a typical 2 1/2-car garage).

On bare concrete: 100 to 200 square feet per gallon, depending on the porosity of the substrate.

JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, and environments, it is important to test H&C® SHIELD-CRETE® Water-Based Epoxy Garage Floor Coating and H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat in an inconspicuous spot for adhesion and compatibility prior to full-scale application.

LIMITATIONS

Do not apply SHIELD-CRETE® Garage Floor Epoxy and Shield-Crete Clear Glaze to outdoor surfaces exposed to direct sunlight. UV exposure may cause the color to fade over time.

TOOLS REQUIRED

- High-quality 1/4- to 3/8-inch nap roller cover
- A nylon or polyester brush for cutting -in
- Paint tray and liner

SURFACE PREPARATION

H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat is designed for use on newly applied H&C® SHIELD-CRETE® Water-Based Epoxy Garage Floor Coating, so minimal surface preparation is required. When applying to bare concrete, allow newly poured concrete to cure at least 28 days. Surface must be clean, dry, and free of dirt grease, oil and other contaminants. Scrape off any surface debris, such as putty, paint* or oily dirt so that the surface is smooth and even. Use H&C™ CONCRETEREADY™ Cleaner Degreaser on oil or grease spills where necessary. Rinse the entire surface with clean water to remove all loose dirt and cleaning residue.

***WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. To avoid exposure to lead dust, wear proper protective equipment, such as a properly fitted respirator (NIOSH approved) and follow proper containment and cleanup procedures. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.

APPLICATION INSTRUCTIONS

Install H&C® SHIELD-CRETE® Clear Glaze when temperatures are between 60° and 95°F and the relative humidity is less than 80%.

Applying to SHIELD-CRETE® Garage Floor Epoxy: Allow the epoxy to dry for 24 hours before applying the glaze coat. Roll on the glaze using a 1/4- to 3/8-inch nap roller cover. In corners or hard-to-reach areas, use a nylon or polyester brush. The glaze will roll on milky white, which makes it easy to see areas that have been coated. It will dry in about an hour to a clear gloss. If a second coat is desired, wait a minimum of 4 hours before applying. An optional slip-resistant additive is provided in the SHIELD-CRETE® Garage Floor Epoxy kit. Add this material to the final coat to reduce the risk of slipping on finished floors that may be exposed to wet conditions. To prevent the slip-resistant additive from settling after mixing and to ensure uniform coverage, periodic stirring during application is needed.

Applying to Bare Concrete: Bare concrete, if damp, should be allowed to dry for 24 hours. Apply two coats of glaze using a 1/4- to 3/8-inch nap roller cover, allowing a minimum 4-hour dry time between coats.

CLEANUP

Clean tools and any spills or spatters immediately using soap and warm water. Use a waterless hand cleaner to remove dried material from skin.

MAINTENANCE

Allow H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat to cure 14 days before washing or cleaning. After curing, the glaze can be cleaned using a neutral cleaner. Dilute using 3 parts water to 1 part cleaner and apply using a soft-bristle brush or sponge.

If removal of H&C® SHIELD-CRETE® Acrylic Clear Glaze Coat is desired, use an ammoniated cleaner/stripper. Rinse with a neutral cleaner to remove any residue remaining after the stripping process.

PHYSICAL PROPERTIES

Typical Physical Properties and Characteristics		
Property	Test Method	Value
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	1 hour
	Recoat	4 hours minimum
	Light traffic	12 hours
	Heavy traffic	72-96 hours
	Full cure	14 days
Flash Point	ASTM D93, PMCC	>210°F
VOC	EPA Method 24	69 g/L; 576 lb/gal.
Chemical Resistance	Motor oil	Pass
	Power steering fluid	Pass
	Transmission fluid	Pass
	Gasoline	Pass
	WD-40	Pass
Hot tire marks	Pass	
Finish	ASTM D523	Gloss
Solids by Volume		26% ± 2%
Solids by Weight	ASTM D2832	28% ± 2%*
Pot Life		3 hours
Shelf Life		36 months, unopened (Store at 60°-95°F)

ORDERING INFORMATION

For 1-gallon container; available in clear only.

Part number: 20.103000

SMIS: 6507-11682

CAUTION

Use only with adequate ventilation. To avoid overexposure, 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, wear respiratory protection (**NIOSH** approved), or leave the area. 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. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

LIMITED WARRANTY

Seller's and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the applicator's inability to use the product for his/her intended use. The user assumes all risk and liability.

TECHNICAL SERVICES

The information and recommendations set forth in this product data sheet are based on tests conducted by or on behalf of H&C® Products Group 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. For technical assistance, call 1-800-867-8246 or visit www.hconcrete.com.