



H&C® CLARISHIELD® SOLVENT-BASED NATURAL LOOK CLEAR CONCRETE SEALER



PRODUCT DESCRIPTION

H&C® ClariShield® Solvent-Based Natural Look Clear Concrete Sealer provides a low-sheen finish that adds depth of color and enhances the appearance of concrete and pavers.

FEATURES & BENEFITS

- Crystal clear, non-yellowing formula
- Xylene-based formula offers quick drying and easy recoat
- Resists damage from water, salt, UV rays, oil and chemical stains
- Withstands heavy vehicular traffic

RECOMMENDED USES

For use over bare concrete and masonry surfaces or existing solvent-based coatings.

Commonly used on:

- Pavers
- Driveways
- Patios & walkways
- Decorative stains
- Pool decks
- Brick, block & stucco

COVERAGE RATES

Substrate	sq ft/gal
Concrete floors	200-250
Porous concrete	150-250
Concrete block	125-150
Brick (clay)	100-150

NOTE: Coverage will vary depending on porosity and texture of substrate.

JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to create a test sample.

LIMITATIONS

Do not use on wood surfaces or surfaces sensitive to solvent attack, such as asphalt. If used indoors, thoroughly ventilate the space during and after application.

SURFACE PREPARATION

Newly poured concrete must be at least 28 days old. Newly installed pavers should weather a minimum of 60 days; excess joint sand should be swept off the surface prior to sealer application. All concrete must be clean, dry and free of grease, oil, paint, sealers, etc. A high-pressure water wash is recommended. To spot clean, use *H&C® ConcreteReady® Cleaner Degreaser*, following label instructions. If mold, mildew or fungus are present, kill and remove with a solution of one cup household bleach to one gallon of water. Wear protective eyewear, waterproof gloves and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution. Surface should have the feel of 120-grit sandpaper at minimum, and readily absorb water. To test absorption, spray various sections of the surface to be sealed with water. If the water does not absorb rapidly, concrete must be etched with *H&C® ConcreteReady® Etching Solution*, following label directions. If the surface does not feel like 120-grit sandpaper following the first application, a second etching is required. (NOTE: Porous vertical surfaces, such as standard CMU, split-faced block, and exposed aggregate, generally do not require etching.) Prepared concrete must have a pH level between 6 and 10. Allow 24 hours to dry before sealing.

Previously Stained Concrete: Make sure all previously painted or stained surfaces are in sound condition. Scrape and sand all loose material prior to the application. To ensure adequate adhesion of the sealer, scuff sand all remaining stain or paint.* Reapplication of the stain or coating may be necessary to create an even, uniform appearance. To remove light soil from the surface, use *H&C® ConcreteReady® Cleaner Degreaser* mixed to a 50/50 ratio with water. To remove heavy oil and grease stains, use the cleaner full strength.

Freshly Placed Concrete: *H&C® ClariShield® Solvent-Based Natural Look Clear Concrete Sealer* complies with ASTM C309 standard specification for liquid membrane-forming compounds for curing concrete. When using on freshly placed concrete, wait 72 hours before sealing.

***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.

Repair: Use *H&C® ConcreteReady® Quick Patch and Repair*, following label directions, to fill low spots and spalled concrete. Note: Patching compounds will generally be visible through clear coatings.

TOOLS

- Synthetic or natural bristle brush
- Woven or other solvent-resistant roller (3/8- to 1/2-inch nap)
- Airless sprayer (pressure 20-40 psi; tip .013 to .017 inch)
- Eye Protection
- Respiratory Protection
- Gloves

APPLICATION INSTRUCTIONS

For best results, surface and air temperature should be above 50°F and below 90°F. Temperature should not fall below 40°F for 24 hours following application. Do not apply if rain is expected within 12 hours of application. Stir thoroughly before and during application. DO NOT THIN.

First Coat: Apply first coat liberally and evenly, working in one direction. DO NOT OVERAPPLY. Remove excess material by back-rolling. Allow to dry at least 4 hours before applying second coat.

Additional Coats: 2-3 coats may be necessary to ensure uniformity, depending on the porosity of the surface. For best coverage, apply second coat perpendicular to the first coat. One coat is usually sufficient when applied over H&C® ColorTop® Solvent-Based Solid Color Concrete Sealer.

IMPORTANT: Each additional coat will increase the level of gloss/shine of the surface. To maintain a Natural Look, a maximum of two coats is recommended.

Dry Times, if applying over Decorative Coatings:

H&C INFUSION Semi-Transparent Decorative Stain: 4 - 6 hours

H&C INFUSION Reactive Acid Stain: 24 hours

H&C INFUSION Acetone Dye Stain: 1 hour (Interior only)

NOTE: Pigment residue left from decorative stains can prevent adequate adhesion of the sealer. Remove this residue using a damp mop or lint-free cloth.

Typical Physical Properties and Characteristics			
Property	Test Method	Value	
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	1 hour	
	Light traffic and Recoat	4 hours	
	Heavy traffic	72 hours	
	Full cure	7-14 days	
Flash Point	ASTM D93, PMCC	89°F	
VOC	EPA Method 24	<600 g/L; 4.7 b/gal*	
Volume Solids	ASTM D2832	Solids by Weight	36% ± 2%*
		Solids by Volume	30% ± 2%*
Weight per Gallon	ASTM D1475	8.2 lb/gal ± 2%*	
Sheen (Clear)	ASTM D523	Satin	

ORDERING INFORMATION

Clear	Part Number/SMIS
1 gallon	50.100114-16 / 6512-01337
5 gallons	50.100115-20 / 6512-01345

DISPOSAL

Follow your state or local regulations for disposal methods.

MAINTENANCE

Clean light to moderately soiled surfaces with a 50/50 solution of H&C® ConcreteReady® Cleaner Degreaser and water. Use the cleaner at full strength for heavy soiling, such as oil and grease stains.

SLIP RESISTANCE

Some surfaces may require a slip/skid-resistant additive for safety. Surfaces may be slippery when wet and proper preventative precautions are recommended. To increase slip/skid resistance, add H&C® SharkGrip® Slip Resistant Additive to the coating when applying. See product data page for detailed instructions. The addition of anti-slip/skid additives will not eliminate the possibility or risk of slipping/skidding or falling.

CLEANUP

Clean tools with xylene following manufacturer's safety instructions. Use waterless hand cleaner to remove dried material from skin.

CAUTION

Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights, and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition. Contains **XYLENE. VAPOR HARMFUL**. 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/ MSHA TC23C or equivalent) 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 for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed do not induce vomiting. Get medical attention immediately. **DELAYED EFFECTS FROM LONG-TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **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.**

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.hcconcrete.com.

LIMITED WARRANTY

This warranty is only valid when the product is applied and maintained according to product application and maintenance instructions to a properly prepared surface. If the product fails to perform in accordance with applicable product literature **H&C** shall either replace an equivalent quantity of product free of charge or refund the original purchase price. For a replacement or a refund, return the product to the place of purchase accompanied by the original proof of purchase. This warranty shall not apply to any defect, damage or product failure resulting from improper surface preparation, structural defects, environmental damage, failure of a previous product, deterioration or defect in the underlying substrate, or improper application and maintenance of the product. Your exclusive remedy is the replacement of product or refund and does not include labor or costs associated with the application or removal of any product. **IN NO EVENT SHALL H&C BE LIABLE FOR ANY TYPE OF INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, PUNITIVE, OR INDIRECT DAMAGES WHETHER OR NOT PURCHASER IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL HAVE THE SAME DURATION AS THE ABOVE EXPRESS WARRANTY.** Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so portions of the limitations above might not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.