



# H&C® INFUSION® SOLVENT- BASED DECORATIVE CONCRETE SEALER



## PRODUCT DESCRIPTION

**H&C® INFUSION® Solvent-Based Decorative Concrete Sealer** is a deep-penetrating, high-solids acrylic sealer formulated to enhance the beauty of decorative exterior concrete and masonry while providing long-lasting protection.

## FEATURES & BENEFITS

- Imparts a beautiful, high-gloss, non-yellowing finish.
- Seals and protects to extend the life of concrete surfaces.
- Highly resistant to salt, acids, alkalis, water penetration, UV rays and abrasion.
- Inhibits hot tire marks.

## RECOMMENDED USES

H&C INFUSION Solvent-Based Decorative Concrete Sealer is ideal for use on exterior decorative concrete and masonry surfaces, including patios, walkways, driveways, pool decks and garage floors. It may also be applied to surfaces treated with H&C INFUSION Decorative Stains.

## 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. For use indoors, thoroughly ventilate the space during and after application.

## TOOLS REQUIRED

- Synthetic or natural bristle brush
- Woven or other solvent-resistant roller (3/8- to ½-inch nap)
- Airless sprayer (pressure 1500 psi; tip .013 to .017 inch)
- Eye Protection
- Respiratory Protection
- Gloves

## SURFACE PREPARATION

All concrete should be clean, dry and free of grease, oil, paint and sealers.\* To clean, use H&C® CONCRETEREADY® Cleaner Degreaser, following label directions. Rinse thoroughly and allow to dry. If mold, mildew or fungus is present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water. 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.

**Bare Concrete:** Before applying product to new concrete, allow to cure for 28 days. All horizontal concrete surfaces must be etched first with H&C CONCRETEREADY Etching Solution, following label directions. For very smooth troweled surfaces with no porosity, use etching solution at full strength. For smooth-troweled concrete with some porosity, use 1 part etching solution to 2 parts water. Do not etch painted surfaces. Properly etched concrete should have the feel of 120-grit sandpaper and absorb water rapidly. A second etching may be required to achieve the proper texture and porosity. Prepared concrete should have a pH level of 6 to 10.

**Freshly Placed Concrete:** H&C CLARISHIELD Solvent-Based Gloss Concrete Sealer 250 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.

## APPLICATION INSTRUCTIONS

**When to Apply:** H&C INFUSION Solvent-Based Decorative Concrete Sealer should be applied only to dry surfaces where moisture content does not exceed 3lbs./1,000 sq. ft. (per ASTM F710). Air, concrete surface and material temperatures must be between 50°F and 90°F and at least 5°F above the dew point during and for 24 hours following application. Do not apply if rain is expected within 12 hours.

**How to Apply:** Before applying, dry-sweep the concrete with a stiff broom or shop vacuum to remove all dust and debris. Stir thoroughly before and during application. Apply with a brush, roller, or airless sprayer. A minimum of two coats is required. Allow 4 hours of dry time between coats.

## APPLICATION INSTRUCTIONS (cont.)

### Colored Concrete:

#### Dry Times:

H&C INFUSION Semi-Transparent Decorative Stain	4 to 6 hours
H&C INFUSION Reactive Acid Stain	24 hours
H&C INFUSION Acetone Dye Stain	1 hour

Pigment residue left from decorative stains can prevent adequate adhesion of the sealer. Remove this residue using a damp mop or lint-free cloth. Allow the surface to dry thoroughly (a minimum of 1 hour) before applying H&C INFUSION Solvent-Based Decorative Concrete Sealer. For adequate sheen development and protection, two coats of H&C INFUSION Solvent-Based Decorative Concrete Sealer are recommended.

### SLIP RESISTANCE

Some surfaces such as inclined driveways, garages, steps and patios may require a slip-resistant additive for safety. Add H&C® SharkGrip® Slip-Resistant Additive to the final coat, following label directions. This product should not be used in place of a nonskid finish.

### CLEANUP

Clean tools with H&C® D-100® Solvent or Xylene. Follow solvent manufacturer's safety instructions when using any solvent cleaner. Use "waterless" hand cleaner to remove dried material from skin.

### MAINTENANCE

Surfaces coated with H&C Decorative Concrete Sealer are easily cleaned using 3 parts water to 1 part H&C CONCRETEREADY Cleaner Degreaser.

### ORDERING INFORMATION

Clear	Part Number/SMIS
1 gallon	50.100004/6509-22891
5 gallons	50.100005/650--22917

## PHYSICAL PROPERTIES

Typical Physical Properties and Characteristics			
Property	Test Method	Value	
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	15 minutes	
	Light traffic and Recoat	4 hours	
	Heavy traffic	72-96 hours	
	Full cure	7-14 days	
Flash Point	ASTM D93, PMCC	80°F	
VOC	EPA Method 24	542 g/L; 4.52 b/gal*	
Static Coefficient of Friction	ANSI/NFSI B1011-2007	0.6	
Water-Vapor Transmission	ASTM D1653, Method A	0.6 grains/sq ft/hr 10.8 grams/sq m/24 hrs	
Perm Rating	ASTM D1653	6.8 grains/(hr ft <sup>2</sup> in Hg)	
Water Repellency on Masonry	SS-W-110C, weight gain	0.1% on mortar cube 0.0% on concrete brick 0.0% on clay brick	
Weatherometer	G23 F Type, 2000 hours	No failure	
Wind-Driven Rain	TT-P-555B	No visible water leaks 0.0 oz. weight gain	
Chemical Resistance (SA)			
	Alkali	2% NaOH 5% Tide 2% Ivory Flakes	Slight dulling No effect No effect
	Acid	5% Citric Acid 100% Milk 5% Hydrochloric Acid 5% Phosphoric Acid Mustard Ketchup	No effect Slight discoloring Slight discoloring No effect Slight stain No effect
Reflectivity (white base only)	ASTM C1549	81.5%	
Sheen (Pigmented )	ASTM D523	Satin	
Sheen (Clear)		Gloss	
Volume Solids			
	Solids by Weight	ASTM D2832	56% ± 2%*
	Solids by Volume		34% ± 2%*
Weight per Gallon	ASTM D1475	9.85 lbs. ± 2%*	

\*May vary depending on color

## **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.**

## **LIMITED WARRANTY**

---

Seller's and manufacturers 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](http://www.hconcrete.com).