



- Solvent-based silicone acrylic sealer
- Exterior use
- Packaged colors & tint bases
- No sealer required
- Satin finish

# H&C® COLORTOP™ SOLVENT-BASED SOLID COLOR CONCRETE SEALER



## PRODUCT DESCRIPTION

H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer is a solid color sealer designed to add deep penetrating protection and long-lasting beauty to exterior concrete. Available in a variety of pre-packaged and tintable colors. For interior surfaces, use H&C® COLORTOP™ Water-Based Solid Color Concrete Stain.

*\* H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer is formerly known as H&C® Concrete Sealer Solid Color Solvent-Based.*

## FEATURES & BENEFITS

- Protects and beautifies exterior concrete and masonry.
- Bonds with the surface for long lasting protection.
- Has a low film build to maintain architectural details
- Resists salt, acids, alkalis, water, ultraviolet light, oil, gasoline and hot tire marks.

## RECOMMENDED USES

H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer is formulated for use on concrete and masonry exterior surfaces such as driveways, walkways, patios, athletic courts and more.

## COVERAGE RATES

| Substrate*        | sq ft/gal |
|-------------------|-----------|
| Concrete floors   | 200-250   |
| Porous concrete   | 150-200   |
| Concrete block    | 125-150   |
| Split-faced block | 100-125   |
| Fluted block      | 75-100    |
| Brick (clay)      | 100-150   |

\*Coverage will vary depending on the porosity and texture of the substrate.

## JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to test the product in an inconspicuous spot for adhesion and compatibility prior to full-scale application.

## LIMITATIONS

Do not use on asphalt or other areas sensitive to solvent attack.

Do not apply if rain is expected within 12 hours following application.

## SURFACE PREPARATION

**New Concrete:** Allow new concrete to cure at least 28 days. Concrete surfaces should be able to absorb water. To test absorption, spray various sections of the surface to be stained with water. If the water does not absorb rapidly, then acid etch the surface using H&C™ CONCRETEREADY™ Etching Solution, following label instructions. After proper etching, the surface should feel like 120-grit sandpaper. If not, then etch again. Mechanical abrasion methods may be necessary to achieve proper profile. Do not apply the stain until all surfaces are porous. Allow all surfaces to dry at least 24 hours before staining. Prepared concrete must have a pH of 6 to 10.

**Existing and Previously Painted Concrete:** All concrete must be porous, clean, dry and free of grease, oil and other contaminants. To spot clean, use H&C™ CONCRETEREADY™ Cleaner Degreaser, following label directions. If mold, mildew, or fungus is present, kill and remove with a solution of 1 cup household bleach to 1 gallon of water. If surface has been previously painted, remove all old, peeling, flaking paint by rough sanding to ensure adhesion of H&C® COLORTOP™. Rinse away sanding dust before stain application. \* DO NOT ETCH PREVIOUSLY PAINTED SURFACES.

**\*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:** For the best repair on vertical and horizontal concrete and masonry surfaces, use H&C™ CONCRETEREADY™ Quick Patch and Repair to fill low spots and spalled concrete. Please note that patching compounds will generally be visible through clear coatings.

## TOOLS REQUIRED

**Brush:** Use synthetic or natural bristle paint brushes.

**Roller:** Use a solvent-resistant soft woven roller (3/8- to 1/2-inch nap).

**Airless sprayer:** Pressure 1500 psi; tip .013 to .017 inch.

**Conventional sprayer:** Air pressure 30-50 psi; fluid pressure 15-20 psi; cap/tip 704/FX or equivalent.

**HVLP:** Cap/needle Titan #3 or equivalent.

**NOTE:** Back rolling is recommended after spraying.

## APPLICATION INSTRUCTIONS

Apply H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer onto dry surfaces only. Air, surface and material temperatures must be between 50° and 90° F and at least 5° F above the dew point during and for 24 hours after application. Do not apply H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer if rain is expected within 12 hours following application.

**How to Apply:** Apply with a brush, roller, or sprayer. Stir product thoroughly before and during application. When using more than one container, intermix all containers together to ensure color uniformity. Prior to applying the first coat, dry sweep the concrete with a stiff bristle broom or shop vacuum to remove all loose surface contaminants.

**First Coat:** Apply first coat evenly, working in one direction. Allow to dry at least 12 hours before applying the second coat. Do not overwork the product. Brushing or back rolling over partially dried material may cause lifting of the coating from the surface. Allow the material to dry at least 12 hours before applying the second coat.

**Second Coat:** For best coverage, apply the second coat perpendicular to the first coat. Two coats of H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer are usually sufficient.

**Third coat:** Apply, if needed, to achieve a uniform finish. Apply in the same direction as the first coat.

## 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.

## OTHER USES AND SYSTEMS

For a complete water-repellant system on porous masonry surfaces, apply one flood coat of H&C® HYDRO-DEFEND™ HB-100 or HB-150, then two coats of H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer. Lightweight split-faced block may require a film-forming product due to its extreme porosity.

## CLEANUP

Clean tools with H&C™ D-100 solvent, xylene or toluene. Follow solvent manufacturer's safety instructions. Use waterless hand cleaner to remove dried material from skin.

## DISPOSAL

Follow your state or local regulations for disposal methods.

## MAINTENANCE

Surfaces treated with H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer are easily cleaned using 3 parts water to 1 part H&C™ CONCRETEREADY™ Cleaner Degreaser.

## PHYSICAL PROPERTIES

| Typical Physical Properties and Characteristics |   |   |
|---|---|---|
| Property  | Test Method   | Value   |
| Dry Time (@ 77°F, 50% RH)                       | Dry-to-touch  | 15 minutes  |
|   | Light traffic (foot)  | 1 hour  |
|   | Heavy traffic   | 72-96 hours   |
|   | Recoat  | 12 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<br>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<br>0.0% on concrete brick<br>0.0% on clay brick                             |
| Weatherometer                                   | G23 F Type, 2000 hours  | No failure  |
| Wind-Driven Rain                                | TT-P-555B   | No visible water leaks<br>0.0 oz. weight gain   |
| Chemical Resistance (SA)                        |   |   |
| Alkali  | 2% NaOH<br>5% Tide<br>2% Ivory Flakes   | Slight dulling<br>No effect<br>No effect  |
| Acid  | 5% Citric Acid<br>100% Milk<br>5% Hydrochloric Acid<br>5% Phosphoric Acid<br>Mustard<br>Ketchup | No effect<br>Slight discoloring<br>Slight discoloring<br>No effect<br>Slight stain<br>No effect |
| Reflectivity (white base only)                  | ASTM C1549  | 81.5%   |
| Sheen (Pigmented )<br>Sheen (Clear)             | ASTM D523   | Satin<br>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

## ORDERING INFORMATION

|                     |                         |
|---------------------|-------------------------|
| <b>Clear</b>        | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.000004-16/1071547    |
| 5 gallons           | 10.000005-20/1072651    |
| <b>Extra White</b>  | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.114014-16/6507-11997 |
| 5 gallons           | 10.114015-20/6507-11427 |
| <b>Deep Base</b>    | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.106014-16/6507-11435 |
| 5 gallons           | 10.106015-20/6507-11443 |
| <b>Bombay</b>       | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100054-16/6507-11211 |
| 5 gallons           | 10.100055-20/6507-11229 |
| <b>Sandstone</b>    | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100124-16/6507-11336 |
| 5 gallons           | 10.100125-20/6507-11344 |
| <b>Autumn Brown</b> | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100034-16/6507-11195 |
| 5 gallons           | 10.100035-20/6507-11203 |
| <b>Tile Red</b>     | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100164-16/6507-11393 |
| 5 gallons           | 10.100165-20/6507-11401 |
| <b>Terracotta</b>   | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100154-16/6507-11377 |
| 5 gallons           | 10.100155-20/6507-11385 |
| <b>Patio Green</b>  | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100104-16/6507-11294 |
| 5 gallons           | 10.100105-20/6507-11302 |
| <b>Pearl Gray</b>   | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100114-16/6507-11310 |
| 5 gallons           | 10.100115-20/6507-11328 |
| <b>Gull Gray</b>    | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100084-16/6507-11278 |
| 5 gallons           | 10.100085-20/6507-11286 |
| <b>Silver Gray</b>  | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100144-16/6507-11351 |
| 5 gallons           | 10.100145-20/6507-11369 |
| <b>Black</b>        | <b>Part Number/SMIS</b> |
| 1 gallon            | 10.100024-16/6507-11179 |
| 5 gallons           | 10.100025-20/6507-11187 |

|                 |                         |
|-----------------|-------------------------|
| <b>Charcoal</b> | <b>Part Number/SMIS</b> |
| 1 gallon        | 10.100074-16/6507-11252 |
| 5 gallons       | 10.100075-20/6507-11260 |

## CAUTION

**CAUTIONS: CONTAINS XYLENE.** 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. **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, or 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 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, call Poison Control Center, hospital emergency room, or physician 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 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](http://www.hconcrete.com).