



H&C® COLORTOP™ SOLVENT-BASED SOLID COLOR CONCRETE SEALER 250



PRODUCT DESCRIPTION

H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer 250 is solid color waterproofing 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 stain. This product was specially formulated for use in areas that adopted OTC/LADCO regulations.

** H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer 250 is formerly known as H&C® Low VOC Concrete Sealer Solid Color Solvent-Based.*

FEATURES & BENEFITS

- Provides a durable finish that extends the life of concrete and masonry surfaces.
- Penetrates deeply to form a tough shield.
- Has a satin finish to preserve architectural details.
- Bonds with the surface for long lasting protection.
- Resists salt, acids, alkalis, water, ultraviolet light, oil, gasoline and hot tire marks.

RECOMMENDED USES

H&C COLORTOP Solvent-Based Solid Color Concrete Sealer 250 is formulated for use on concrete and masonry exterior surfaces such as driveways, walkways, patios, pool decks, garage floors, athletic courts, stadium supports, bridges/structures, parking garages, block & stucco walls. For a complete water repellent system on porous masonry surfaces, apply one flood coat of HB-100 or HB-150 and two coats of H&C ColorTop Solvent-Based Solid Color Concrete Sealer 250. Lightweight split-faced block may require a lightweight, film-forming coat due to its extreme porosity.

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 create a test sample.

LIMITATIONS

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

Exterior Use Only

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 Bare 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. 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

- Synthetic bristle paint brush
- Synthetic roller cover (3/8 to 1/2-inch nap)
- Airless sprayer 2000 psi; tip .015 to .017 inch
- Eye Protection
- Respiratory Protection
- Gloves

NOTE: Back rolling is recommended after spraying.

APPLICATION INSTRUCTIONS

Apply H&C COLORTOP Solvent-Based Solid Color Concrete Sealer 250 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 250 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 2-4 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.

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 250 are usually sufficient.

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

SLIP RESISTANCE

For some horizontal surfaces consider using 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 250. 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 250 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	2-4 hours	
	Full cure	7-14 days	
Flash Point	ASTM D93, PMCC	80°F	
VOC	EPA Method 24	<250 g/L*	
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 ² in Hg)	
Water Repellency on Masonry	SS-W-110C, weight gain	0.6%	
QUV Weathering	ASTM-G151-97	1000 hrs., no effect	
Chemical Resistance (SA)			
	Alkali	2% NaOH 5% Tide Brake fluid Gasoline Transmission fluid Motor oil	No effect No effect Dulling Dulling No effect No effect
Sheen (Pigmented)	ASTM D523	Satin	
Sheen (Clear)		Gloss	
Volume Solids			
Solids by Weight	ASTM D2832	53% ± 2%*	
Solids by Volume		34% ± 2%*	
Weight per Gallon	ASTM D1475	9.85 lbs. ± 2%*	

*May vary depending on color

Custom Tinting

Tint Load

Extra White Base 1's	0-3 oz
Deep Base 1's	3-6 oz

ORDERING INFORMATION

Clear	Part Number/SMIS
1 gallon	30.000004/6501-21957
5 gallons	30.000005/6501-21965
Extra White	Part Number/SMIS
1 gallon	30.114014/6507-11997
5 gallons	30.114015/6507-12003
Deep Base	Part Number/SMIS
1 gallon	30.116014/6507-12011
5 gallons	30.116015/6507-12029
Bombay	Part Number/SMIS
1 gallon	30.101104/6507-11815
5 gallons	30.101105/6507-11823
Sandstone	Part Number/SMIS
1 gallon	30.101204/6507-11831
5 gallons	30.101205/6507-11849
Pearl Gray	Part Number/SMIS
1 gallon	30.101804/6507-11930
5 gallons	30.101805/6507-11948
Silver Gray	Part Number/SMIS
1 gallon	30.101904/6507-11955
5 gallons	30.101905/6507-11963
Black	Part Number/SMIS
1 gallon	30.101404/6507-11856
5 gallons	30.101405/6507-11864
Terracotta	Part Number/SMIS
1 gallon	30.101604/6507-11898
5 gallons	30.101605/6507-11906
Tile Red	Part Number/SMIS
1 gallon	30.101504/6507-11872
5 gallons	30.101505/6507-11880
Patio Green	Part Number/SMIS
1 gallon	30.101704/6507-11914
5 gallons	30.101705/6507-11922

This product is available in the following states:
Maryland, Delaware, New York, New Jersey, Pennsylvania,
Ohio, Illinois, Massachusetts, Rhode Island, Connecticut,
Vermont, New Hampshire, Maine and Arizona.

CAUTION

CAUTIONS: CONTAINS AROMATIC HYDROCARBONS. 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.hcconcrete.com.