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# H&C<sup>®</sup> CONCRETE SEALER

## CLEAR GLOSS OIL BASED

FORMERLY CLEAR 23 SEALER

PRODUCT DESCRIPTION	CHARACTERISTICS	PERFORMANCE TESTS																				
<p><b>H&amp;C<sup>®</sup> Concrete Sealer Clear Gloss</b> is a silicone acrylic based waterproofing sealer, formulated for use on interior and exterior vertical and horizontal brick, stone, masonry, and epoxy-set chatahoochee stone.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Seals and protects</li> <li>• Provides a durable, glossy finish</li> <li>• Crystal clear, non-yellowing</li> <li>• Resists water, pool chemicals, UV rays</li> <li>• protects from heavy traffic</li> </ul> <p><b>Recommended Uses:</b></p> <ul style="list-style-type: none"> <li>• As a protective sealer for cement surfaces such as concrete decks.</li> <li>• As a decorative glaze on masonry walls, cement block, flagstone decks and walls, brick, and other cementitious materials.</li> <li>• As a high gloss protective coating over <b>H&amp;C<sup>®</sup> Concrete Sealer Solvent Based.</b></li> </ul> <p>For a complete waterproof system on very porous masonry surfaces(*Split-face, CMU, Fluted block), apply 1 flood coat of <b>H&amp;C<sup>®</sup> HB-100 or HB-150</b> then 2 coats of <b>H&amp;C<sup>®</sup> Concrete Sealer Clear Gloss. Refer to the HB-100/150 data sheet for specific application instructions.</b></p> <p><i>*Lightweight Split Faced block may require a film forming product due to it's extreme porosity.</i></p> <p><b>Applicable Standards:</b> Meets or exceeds applicable Federal Standard TT-C-555B. ASTM 96-66, ASTM G23F.</p>	<p><b>Color:</b> Clear</p> <p><b>Coverage</b></p> <table border="0"> <tr> <td>Concrete floors</td> <td>200-300</td> </tr> <tr> <td>Porous concrete</td> <td>150-250</td> </tr> <tr> <td>Concrete block</td> <td>100-150</td> </tr> <tr> <td>Split faced block</td> <td>75-125</td> </tr> <tr> <td>Fluted block</td> <td>50-100</td> </tr> <tr> <td>Brick (clay)</td> <td>100-150</td> </tr> </table> <p><b>Drying Time, @ 77°F 50% RH:</b> temperature and humidity dependent</p> <p>Touch: 30 minutes Recoat: 4 hours Light Foot Traffic: Overnight Heavy Traffic: 72 hours</p> <p><b>Flash Point:</b> 80°F, PMCC</p> <p><b>Finish:</b> Gloss, 85 units @ 60°</p> <p><b>Vehicle Type:</b> Acrylic Silicone 50.020234</p> <p>VOC (less exempt solvents): 643 g/L; 5.37 lb/gal</p> <p><b>Volume Solids:</b> 17 ± 2% <b>Weight Solids:</b> 23 ± 2% <b>Weight per Gallon:</b> 6.9 lb</p> <p><b>ORDERING INFORMATION</b></p> <p><b>Part Number</b></p> <table border="0"> <tr> <td>Gallon</td> <td>50.020234</td> </tr> <tr> <td>Five</td> <td>50.020235</td> </tr> </table> <p><b>SMIS</b></p> <table border="0"> <tr> <td>Gallon</td> <td>107-8773</td> </tr> <tr> <td>Five</td> <td>107-8781</td> </tr> </table>	Concrete floors	200-300	Porous concrete	150-250	Concrete block	100-150	Split faced block	75-125	Fluted block	50-100	Brick (clay)	100-150	Gallon	50.020234	Five	50.020235	Gallon	107-8773	Five	107-8781	<p><b>Physical and Chemical Data:</b></p> <p><b>Hardness:</b> Test: Tukon Result: 12-1000 cycles</p> <p><b>Water Vapor permeability:</b> Method: ASTM D96-66 Result: 0.001</p> <p><b>Weatherometer Test:</b> Method: G23F Type, 500 hours Result: no failure</p> <p><b>Acid &amp; Alkali Resistance Tests:</b> Each was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed.</p> <p><b>Alkali:</b> 2% NaOH ..... Slight dulling 5% Tide ..... No effect 2% Ivory flakes ..... No effect</p> <p><b>Acid:</b> 5% Citric Acid ..... No effect 100% Milk ..... Very slight whitening 5% HCL ..... Very slight whitening 5% Phosphoric Acid ..... No effect Mustard ..... No effect</p> <p><b>Maintenance</b> <b>H&amp;C<sup>®</sup> Concrete Sealer Clear Gloss Oil Based</b> surface is easily cleaned using 3 parts water to 1 part <b>H&amp;C<sup>®</sup> Cleaner Degreaser.</b></p>
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### SURFACE PREPARATION

**Testing:** Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for adhesion and compatibility prior to full scale application. All surfaces must be clean, dry and free of grease, oil, paint, sealers, etc. To clean, use **H&C<sup>®</sup> Cleaner Degreaser**, following label directions, rinse thoroughly and allow the surface to dry. If mold, mildew or fungus are present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.

**Bare Concrete:**

New concrete must be cured 28 days. All horizontal concrete must be etched with **H&C<sup>®</sup> Etching Solution** first, following label directions. For very smooth surfaces (troweled surfaces with no porosity) use **H&C<sup>®</sup> Etching Solution** at full strength. For smooth-troweled concrete with some porosity, 1 part **H&C<sup>®</sup> Etching Solution** to two parts water should be used. Do not etch painted surfaces. Prepared concrete should have a pH between 6 and 10.

**Repair:**

For the best waterproofing protection on vertical concrete and masonry, patch and repair cracks and crevices where water can enter. On floor surfaces, use appropriate patching material. Patching compounds will generally be visible through clear coatings.

### APPLICATION

- Wait at least 24 hours after washing or after rain before applying. Apply under very dry conditions only. Application to a damp surface may cause a hazy appearance or loss of adhesion.
- Air and surface temperature should be between 50° and 90°F for 24 hours following application.
- Do not over apply
- Stir thoroughly before and during application.
- Do not reduce.
- Stir slowly, do not shake. Avoid whipping air into the sealer.

**Brush**

Use a natural bristle brush.

**Roller**

Use a 3/8" to 1/2" nap lambswool or synthetic roller.

**Spray—Airless**

Pressure ..... 500 - 1000 psi

Tip ..... .011" - .013"

Backrolling recommended after spraying

**Slip Resistance**

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

### CLEANUP INFORMATION

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using any solvent.

### CAUTIONS

Strong solvents (e.g.: gasoline, brake fluid) will dissolve the cured film. Do not use on wood surfaces. For atmospheric use only. Clear 23 Sealer is not recommended for immersion (underwater) service.

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 ALIPHATIC HYDROCARBONS and AROMATIC HYDROCARBONS. 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/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. LCE 12/15/99 02 00

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of H&C concrete coatings 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.