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# H&C<sup>®</sup> BASEMENT & MASONRY WATERPROOFER

FORMERLY BLOCK SHIELD

PRODUCT DESCRIPTION	CHARACTERISTICS	PERFORMANCE TESTS																																		
<p><b>H&amp;C<sup>®</sup> Basement &amp; Masonry Waterproofer</b> is a textured finish, waterborne, acrylic formulation designed as a waterproofer for porous masonry surfaces interior (above and below grade) and exterior (above grade).</p> <p><b>H&amp;C<sup>®</sup> Basement &amp; Masonry Waterproofer</b> provides a long lasting, durable, and decorative finish that resists water seeping under hydrostatic pressure of up to 10 psi by developing extremely strong adhesion to porous concrete.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Formulated to exceed ASTM requirements for hydrostatic water pressure resistance.</li> <li>• Stops water seepage</li> <li>• Ready to apply</li> <li>• Use interior and exterior, above and below grade</li> <li>• Stops unsightly water stains</li> <li>• Soap and water clean up</li> </ul> <p><b>Recommended Uses:</b></p> <ul style="list-style-type: none"> <li>• Basement walls</li> <li>• Foundations</li> <li>• Retaining walls</li> <li>• Cinder/Concrete Block</li> <li>• Landscape walls</li> <li>• Cement Landscape Ornamentation</li> <li>• Other Concrete Surfaces</li> </ul> <p><b>Apply to:</b></p> <ul style="list-style-type: none"> <li>• CMU, Split face, and fluted block</li> <li>• Precast, poured-in-place, and tilt-up concrete.</li> </ul> <p><b>Applicable Standards:</b> Meets or exceeds TT-P-1411A Hydrostatic Water Pressure Resistance Test</p>	<p><b>Color:</b> White</p> <p><b>Coverage sq ft/gal</b></p> <table> <tr><td>Porous concrete .....</td><td>75-125</td></tr> <tr><td>Concrete block .....</td><td>75-150</td></tr> <tr><td>Stucco .....</td><td>75-125</td></tr> <tr><td>Brick (clay) .....</td><td>100-150</td></tr> </table> <p><b>Coverage will vary depending on the porosity and texture of the substrate. A minimum of two coats is required.</b></p> <p><b>Drying Time, @ 77°F, 50% RH:</b> temperature and humidity dependent</p> <table> <tr><td>To touch:</td><td>1 hour</td></tr> <tr><td>To recoat:</td><td>4 hours</td></tr> <tr><td>For water containment:</td><td>7 days</td></tr> <tr><td>Full cure:</td><td>7-14 days</td></tr> </table> <p><b>Flash Point:</b> Matte <b>Finish:</b> 0-10 units @ 60°</p> <p><b>Tinting with Blend-A-Color Toner</b></p> <table> <tr><td><u>Base</u></td><td><u>oz/gal</u></td><td><u>Strength</u></td></tr> <tr><td>White</td><td>0-2</td><td>not controlled</td></tr> </table> <p><b>Solvent/Reducer:</b> Water <b>Vehicle Type:</b> Acrylic <b>VOC:</b> 173 g/L; 1.44 lb/gal <b>Volume Solids:</b> 41 ± 2% <b>Weight Solids:</b> 59 ± 2% <b>Weight per Gallon:</b> 11.8 lb</p> <p><b>ORDERING INFORMATION</b></p> <table> <tr><td><b>Part Number</b></td><td><b>White Base only</b></td></tr> <tr><td>Single</td><td>50.010004</td></tr> <tr><td>Five</td><td>50.010005</td></tr> <tr><td>SMIS</td><td></td></tr> <tr><td>Single</td><td>160-9387</td></tr> <tr><td>Five</td><td>160-9395</td></tr> </table>	Porous concrete .....	75-125	Concrete block .....	75-150	Stucco .....	75-125	Brick (clay) .....	100-150	To touch:	1 hour	To recoat:	4 hours	For water containment:	7 days	Full cure:	7-14 days	<u>Base</u>	<u>oz/gal</u>	<u>Strength</u>	White	0-2	not controlled	<b>Part Number</b>	<b>White Base only</b>	Single	50.010004	Five	50.010005	SMIS		Single	160-9387	Five	160-9395	<p><b>Physical and Chemical Data:</b></p> <p>Ultraviolet Resistance QUV..... 1000+</p> <p><b>TT-P-1411A</b> Hydrostatic Water Pressure Resistance:</p> <p>Required 4psi ..... Pass Extended Test 10 psi ..... Pass</p> <p><b>Perm Rating</b> ASTM D1653 15 grains/(hr ft<sup>2</sup> in Hg)</p> <p><b>SURFACE PREPARATION</b></p> <p><b>Testing:</b> 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 <b>H&amp;C<sup>®</sup> Cleaner Degreaser</b>, 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.</p>
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## SURFACE PREPARATION

### **Bare Concrete:**

Bare Concrete must be cured 28 days before coating with H&C® Basement & Masonry Waterproofer. This product must be applied to **bare** substrate. It is not effective over a previously painted surfaces. The surface must be cleaned to remove all surface contaminants, such as oil, dirt, mildew, loose mortar, efflorescence, form release agents and paint. Use H&C® Cleaner Degreaser or other non-petroleum-based household cleaner, following package directions. If mildew or algae are present, scrub with a solution of one part household bleach to three parts water. Wear protective glasses and gloves. If the solution contacts skin, rinse immediately. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.** Efflorescence (white, powdery salt deposits) must be removed by wire brushing and neutralized with H&C® Etching Solution, or muriatic acid, following package directions. Follow manufacturer's safety precautions. All new uncoated concrete substrates should have a pH between 6 and 10.

### **Repair:**

Cracks and holes should be patched with an acrylic-fortified concrete patch. Cracks at the joint where the wall meets the floor **must** be patched.

## APPLICATION

- H&C® Basement & Masonry Waterproofer should be applied to a dry surface but can be applied to a slightly damp surface.
- Apply under dry conditions only. Do not apply if rain is expected within 12 hours following application.
- Air and surface temperature should be between 50° and 90°F for 24 hours following application.
- Apply liberally for maximum bonding.
- Stir thoroughly before and during application.
- Do not reduce.
- This coating is not designed to be submerged in water.

### **Brush**

Use a stiff bristle nylon or polyester brush.

### **Roller**

Use a 3/4" to 1-1/4" nap synthetic cover to ensure best pore filling.

Apply to clean, bare surface using a stiff-bristled nylon/polyester brush and 3/4"-1 1/4" synthetic nap roller cover. Complete penetration of H&C Basement & Masonry WP into the pores of the wall is crucial of the first coat. Allow the first coat to dry 4 hours before application of the second coat. Apply the second coat in the same manner as the first coat. If seepage still occurs, a third coat will seal the remaining pin holes caused by air escaping after application.

## **CLEANUP INFORMATION**

Clean spills and splatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. Flush spray equipment after cleaning with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

## CAUTIONS

Not for use on floors.  
Protect from freezing.  
Non-photochemically reactive.

### **LABEL CAUTION**

Contains CRYSTALLINE SILICA. 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. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH/MSHA TC21C or equivalent). Follow respirator manufacturer's directions for respirator use. 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. Get medical attention if irritation persists. If swallowed, get medical attention immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains a chemical known to the State of California to cause cancer. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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## **TECHNICAL SERVICE**

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.