



**SHERWIN
WILLIAMS.**

**H&C[®]
WB-50**

WATER BASED WATER REPELLENT

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>																				
<p>H&C WB-50 Water Repellent is a 5% silicone, water-based, water repellent designed for application to porous masonry surfaces. It is easy to use and is suitable for application to both dry and slightly damp surfaces.</p> <p>Features:</p> <ul style="list-style-type: none"> • permeable to water vapor • will not discolor concrete • provides economical water repellency • helps to retard mold and mildew growth • Zero VOC product that provides excellent water repellency at an extremely low toxicity. <p>Recommended Uses:</p> <ul style="list-style-type: none"> • unglazed tile • brick • concrete • plaster <p>Applicable Standards: Passes all ASTM tests for moisture absorption into brick and concrete. Passes U. S. Federal Standard SS-W-110c and Canadian Spec 58-GP-1P</p>	<p>Color: Clear</p> <p>Coverage sq ft/gal</p> <table> <tr> <td>Smooth precast concrete</td> <td>125-175</td> </tr> <tr> <td>Porous concrete</td> <td>100-150</td> </tr> <tr> <td>Split-Faced</td> <td>50-75</td> </tr> <tr> <td>Fluted Block</td> <td>25-50</td> </tr> <tr> <td>Concrete Block</td> <td>75-125</td> </tr> <tr> <td>Brick (Clay)</td> <td>100-150</td> </tr> <tr> <td>Roof Tiles</td> <td>75-125</td> </tr> <tr> <td>Steel trowelled concrete</td> <td>150-200</td> </tr> </table> <p>Coverage will vary depending on the porosity and texture of the substrate. no dry surface film</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent</p> <table> <tr> <td>Touch:</td> <td>1-4 hours</td> </tr> <tr> <td>Recoat:</td> <td>when dry</td> </tr> </table> <p>Protect new applications from rain for 4-5 hours after application for the water repellent to become effective.</p> <p>Flash Point: >200°F, PMCC</p> <p>Finish: none</p> <p>Vehicle Type: Water-based Silicone 50.042054</p> <p>VOC (less exempt solvents): 0 g/L; 0.0 lb/gal</p> <p>Volume Solids: 4.1 ± 2%</p> <p>Weight Solids: 6.8 ± 2%</p> <p>Weight per Gallon: 8.6 lb</p>	Smooth precast concrete	125-175	Porous concrete	100-150	Split-Faced	50-75	Fluted Block	25-50	Concrete Block	75-125	Brick (Clay)	100-150	Roof Tiles	75-125	Steel trowelled concrete	150-200	Touch:	1-4 hours	Recoat:	when dry	<p>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.</p> <p>All surfaces must be clean, dry and free of grease, oil, paint, sealers, etc. To clean, use H&C 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 16 parts water.</p> <p>Bare Concrete: New concrete must be cured 45 days. All horizontal concrete must be etched with H&C Concrete Etching Solution first, following label directions. For very smooth surfaces (troweled surfaces with no porosity) use H&C Concrete Etching Solution at full strength. For smooth-troweled concrete with some porosity, 1 part H&C Concrete Etching Solution to two parts water should be used. Do not etch painted surfaces.</p> <p>Prepared concrete should have a pH between 6 and 10.</p> <p>Repair: For the best waterproofing protection on vertical concrete and masonry, patch and repair cracks and crevices where water can enter. Use ConSeal Sealants and Patches on exterior surfaces following label directions. On floor surfaces, use appropriate patching material. Patching compounds will generally be visible through clear coatings.</p>
Smooth precast concrete	125-175																					
Porous concrete	100-150																					
Split-Faced	50-75																					
Fluted Block	25-50																					
Concrete Block	75-125																					
Brick (Clay)	100-150																					
Roof Tiles	75-125																					
Steel trowelled concrete	150-200																					
Touch:	1-4 hours																					
Recoat:	when dry																					

111.24

H&C[®] WB-50

WATER BASED WATER REPELLENT



**SHERWIN
WILLIAMS.**

APPLICATION

- Apply under dry conditions only. Do not apply if rain is expected within 4 - 5 hours following application.
- 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.

Spray:

Best application method is low pressure, pump-up sprayer, or power roller on smooth surfaces. The best results are achieved when working with low spraying pressures so that the solution is applied in the form of droplets rather than a mist. Vertical surfaces must be saturated or "flooded" allowing material to run 8 to 10 inches. Always work from the bottom up. Horizontal surfaces can be applied by the above method or conventional roller or brush, applying enough material to allow it to stand for a few seconds before completely penetrating.

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water or waterless hand cleaner. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

Limitations:

CANNOT BE PAINTED OVER! Not for use below grade. Do not allow to dry on glass. Avoid contact with metal. Not for marble, limestone, and other forms of calcium carbonate. Very porous surfaces may require filling. Insoluble salts may settle to bottom if container is left unsealed and product is exposed to the air for any period of time.

Label Cautions

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. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**
HOTW 3/23/2005 50.042054 04 00

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of 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 Sherwin-Williams representative to obtain the most recent Product Data Sheet.