



**SHERWIN
WILLIAMS.**

**H&C[®]
SB-50**

SOLVENT BASED WATER REPELLENT

<u>PRODUCT DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>																		
<p>H&C SB-50 Water Repellent is a 5% silicone, solvent-based, water repellent designed for application to bare, porous masonry surfaces.</p> <p>Features:</p> <ul style="list-style-type: none"> • permeable to water vapor • will not discolor concrete • provides economical water repellency <p>Recommended Uses:</p> <ul style="list-style-type: none"> • unglazed tile • brick • concrete • plaster <p>Applicable Standards: Federal Standard SS-W-110C 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 face block</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>Steel trowelled concrete</td> <td>150-200</td> </tr> </table> <p>Coverage will vary depending on the porosity and texture of the substrate.</p> <p>At least two coats are recommended. No dry surface film</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent</p> <table> <tr> <td>Touch:</td> <td>3 hours</td> </tr> <tr> <td>Recoat:</td> <td>24 hours</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: 101°F, PMCC</p> <p>Finish: none</p> <p>Vehicle Type: Solvent Based Silicone</p> <p>VOC (less exempt solvents): 741 g/L; 6.19 lb/gal</p> <p>Volume Solids: 2.5 ± 2%</p> <p>Weight Solids: 3.7 ± 2%</p> <p>Weight per Gallon: 6.5 lb</p>	Smooth precast concrete	125-175	Porous concrete	100-150	Split face block	50-75	Fluted Block	25-50	Concrete Block	75-125	Brick (Clay)	100-150	Steel trowelled concrete	150-200	Touch:	3 hours	Recoat:	24 hours	<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 3 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>
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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.

Brush—Use a nylon/polyester brush

Roller—Use a 3/8" - 1/2" nap cover

Pump-up sprayer

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 Mineral Spirits or Xylene. Clean hands and tools immediately after use with Mineral Spirits, Xylene, or waterless hand cleaner. Follow manufacturer's safety recommendations when using any solvent.

CAUTIONS

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.

CAUTION contains ALIPHATIC HYDROCARBONS. Contents are COMBUSTIBLE. Keep away from heat and open flame. 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 do not induce vomiting. 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. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 3/23/2005 50.041054 02 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.