



113.50

**SHERWIN
WILLIAMS.**

SHER-CRETE®

**FLEXIBLE CONCRETE WATERPROOFER
A5 SERIES**

As of 09/22/08, Complies with:		
OTC	Yes	LEED® Clv2.0 No
SCAQMD	Yes	LEED® NCv2.2 No
CARB	Yes	LEED® CSv2.0 No
MPI Spec #	No	LEED® H No
NAHB	No	

<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>	<u>SPECIFICATIONS</u>									
<p>Sher-Crete Flexible Concrete Waterproofer is a flexible and breathable waterproof coating based on a unique combination of acrylic resin and mineral aggregate.</p> <p>Use Sher-Crete Flexible Concrete Waterproofer to waterproof all types of above- or on-grade concrete and masonry including foundations, block walls, balconies, window and door openings, walkways, parapets, planter boxes, and vertical or horizontal concrete substrates.</p> <p>Advantages</p> <ul style="list-style-type: none"> • Apply to fresh concrete (less than 28 days old) • Can be applied over high pH (up to 13) substrates • Primer not typically required over properly prepared surfaces. <p>SherCrete Flexible Concrete Waterproofer passes ADA requirements of slip resistance.</p>	<p>Color: Most colors</p> <p>Coverage 125 to 150 ft² per gal. 10 - 12 mils wet per coat</p> <p>2 coats of the Sher-Crete Flexible Concrete Waterproofer at 10 - 12 wet mils per coat and a surface with 10 or less pinholes per square foot is required for a waterproofing system. Coverage will vary depending on the porosity and texture of the substrate.</p> <p>For maximum protection and washability, 2 coats of the following clear coats are recommended if the Sher-Crete Flexible Concrete Waterproofer is the final topcoat:</p> <p>Interior and Exterior Use:</p> <p>Low traffic and/or pedestrian areas SherCrete Clear Acrylic Sealer High Gloss, A10T00130 Low Luster, A10T00110</p> <p>Moderate traffic and/or pedestrian areas SherCrete Clear Acrylic Sealer Sher-Crete WB Urethane Sealer - 1C</p> <p>High traffic pedestrian and/or industrial areas (Interior use only) Sher-Crete WB Urethane Sealer - 1C Clear Gloss, B94C00050</p>	<p>Sher-Crete Flexible Waterproofer can be applied over bare block, overcoated with a Bonding Agent and then coated with stucco.</p> <p>Depending on the manufacturer's recommendations, the Bonding Agent can be included in the stucco mix.</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent</p> <p>Touch: 1 hour Recoat: 4 hours For foot traffic: 24 hours</p> <p>Finish: Flat Flash Point: N/A</p> <p>Tinting with Blend-A-Color:</p> <table border="1"> <thead> <tr> <th>Base</th> <th>oz/gal</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td>Extra White</td> <td>0-5</td> <td>100%</td> </tr> <tr> <td>Deep Base</td> <td>4-12</td> <td>100%</td> </tr> </tbody> </table> <p>Vehicle Type: Acrylic A05W00005</p> <p>VOC (less exempt solvents): 48 g/L; 0.40 lb/gal</p> <p>Volume Solids: 53 ± 2% Weight Solids: 69 ± 2% Weight per Gallon: 12.7 lb</p>	Base	oz/gal	Strength	Extra White	0-5	100%	Deep Base	4-12	100%
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REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Tensile Strength	ASTM D-412	without mesh	200psi
Elongation	ASTM D-412	with mesh	797psi
		without mesh	45%
Flexibility Mandrel Bend	ASTM D-522	with mesh	3.4%
		28 days	Pass 1/8" @ 77° F
Abrasion Resistance	ASTM D-4060 -90	1000 cycles – 24hr cure	0.09 gram loss
Water Absorption	ASTM D-570	24 hour immersion	15%
Vapor Permeability	ASTM D 1653		10.6 perms
Chloride Ion Penetration	ASTM C-1202		Very Low
Meets ADA Requirements for Coefficient of Friction		Static Coefficient of Friction	Kinetic Coefficient of Friction
	A05W00005	0.92	0.81
	A05W00053	0.96	0.75

Typical values for material cured at 73° F (23° C) and 50% R.H.

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SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be removed.

Concrete, Stucco

Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc.

Allow the surface to dry thoroughly.

Concrete and mortar must be cured at least 7 days at 75°F. On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern.

Use caution when preparing the substrate to create a uniform surface.

Voids, cracks, crevices, and through-wall openings must be patched using ConSeal™ Sealant or Patch.

Stripe coat all inside and outside corners and edges with SherCrete Flexible Concrete Waterproofer.

APPLICATION

Apply only to sound, clean surface. Apply at temperatures between 50°F and 100°F.

Do not reduce.

Brush - Use a nylon/polyester brush. Avoid over-brushing which causes air bubbles.

Roller - Use a ¾" to 1½" nap synthetic roller cover. Avoid rapid rolling which causes bubbling.

Notched squeegee with backroll
Use proper finish roll application technique to avoid roller tracking.

Texture Sprayer-Low Pressure
Tip orifice 4

OVER-COATING

Sher-Crete Flexible Concrete Waterproofer can be used as a stand-alone product or may be over-coated to provide a surface that will be smoother and easier to keep clean and to improve the abrasion resistance in areas that see significant foot traffic.

Abrasion Resistance:

Method: ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load
H&C Shield Plus Ultra Clear **
H&C Clear 23 ***
ArmorSeal Rextthane 1 *****

Over-coating should be done after the Sher-Crete has dried for at least 4 hours (77°F and 50% RH) and before it is exposed to any use. Follow all application and dry time information found on the label and data page for the specific over-coat.

(ArmorSeal Rextthane 1 is for interior use)

CLEAN UP

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

CAUTIONS

Protect from freezing.
Non-photochemically reactive.
Not recommended for roofing applications or as a primary waterproofing over occupied space.
Not recommended for bridging joints or dynamic cracks in concrete.
Not for use in areas subject to vehicle traffic.

LABEL CAUTIONS

CAUTION contains CRYSTALLINE SILICA and ZINC. 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. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). 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, call Poison Control Center, hospital emergency room, or physician 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 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.

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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.