

**SHERWIN
WILLIAMS.**

SHER-CRETE®
Flexible Concrete
Waterproofer - Textured
A5 Series

As of 09/10/2015, Complies with:			
OTC	Yes	LEED® 09CI	Yes
SCAQMD	Yes	LEED® 09NC	Yes
CARB	Yes	LEED® 09CS	Yes
CARB SCM 2007	Yes	LEED® H	Yes
MPI	42	NGBS	Yes

CHARACTERISTICS

Sher-Crete Flexible Concrete Waterproofer is an interior/exterior flexible and breathable waterproof coating based on a unique combination of acrylic resin and mineral aggregate.

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.

Advantages

- Apply to fresh concrete (less than 28 days old)
- Can be applied over substrates with a high pH (up to 13)
- Primer not typically required over properly prepared surfaces
- Sher-Crete Flexible Concrete Waterproofer passes ADA requirements of slip resistance

SPECIFICATIONS

Color: Most colors
Coverage: 125 to 150 ft² per gal.
10 - 12 mils wet per coat

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.

For maximum protection and washability, 2 coats of the following clear coats are recommended:

Interior and Exterior Use

Low/Medium traffic pedestrian areas
H&C Paver Sealer Gloss or Natural or
H&C Concrete Sealer Wet Look

SPECIFICATIONS

If a stucco finish is to be applied over the Sher-Crete Flexible Concrete Waterproofer, follow the stucco manufacturers recommendations.

Drying Time, @ 77°F, 50% RH:

temperature and humidity dependent
Touch: 1 hour
Recoat: 4 hours
For foot traffic 24 hours

Finish: Flat
Flash Point: N/A

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%

Vehicle Type: Acrylic

Extra White A05W00005

VOC (less exempt solvents):

<50 g/L - 0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 52 ± 2%

Weight Solids: 69 ± 2%

Weight per Gallon: 12.72 lb

REPORT

Tensile Strength

TEST METHOD

ASTM D-412

TEST CRITERIA

without mesh

TEST RESULTS

100 psi

Elongation

ASTM D-412

without mesh

57%

Flexibility Mandrel Bend

ASTM D-522

28 days

Pass 1/8" @ 77° F Pass

Abrasion Resistance

ASTM D-4060 -90

1000 cycles – 24hr cure

0.01 gram loss

Water Absorption

ASTM D-570

24 hour immersion

17%

Water Vapor Permeability

ASTM D 1653

Static Coefficient of Friction

12 perms

Meets ADA Requirements for Coefficient of Friction

A05W00005

1.13

Kinetic Coefficient of Friction

A05W00053

1.09

0.81

Flame Spread Index:

ASTM E84

1/4" fiber cement board

10

Smoke Developed Index:

ASTM E84

1/4" fiber cement board

15

Typical values for material cured at 73° F (23° C) and 50% R.H. Product test results from A05W00005



113.50

SHER-CRETE®

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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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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 Concrete & Masonry Sealant or Patch.

Stripe coat all inside and outside corners and edges with Sher-Crete Flexible Concrete Waterproofer.

Vertical Wood Window & Door Jambs

Apply one coat of Sher-Crete Flexible Waterproofer at a rate of 70 – 90 square feet per gallon, achieving a total dry film thickness of 10 – 12 mils. Embed Sher-Crete 6" Blue Repair Mesh to reinforce the lower corners over the sill, across the sill, and up both sides of the lower corners approximately 4". Apply a second coat of the waterproofer over the mesh and around the window opening, in the return to the window flange.

APPLICATION

Apply at temperatures between 50°F and 100°F.

- Do not reduce.**
- Brush** - Use a nylon/polyester brush.
- Roller** - Use a ¾" to 1½" nap synthetic roller cover.
- 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.

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.

Slip Resistance
Some surfaces may require a slip resistant additive for safety. Add H&C 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.

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 or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.