



**SHERWIN
WILLIAMS®**

LOXON®

Vertical Concrete Stain

**A31W00051 Extra White
A31W00053 Deep Base**

As of 04/20/2017, Complies with:			
OTC	Yes	LEED® 09NC, CI	NA
OTC Phase II	Yes	LEED® 09 CS	NA
SCAQMD	Yes	LEED® v4 Emissions	No
CARB	Yes	LEED® v4 VOC	Yes
CARB SCM2007	Yes		
Canada	Yes	MPI	

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>																																	
<p>Loxon Vertical Concrete Stain is a water repellent that provides excellent protection and beauty for exterior tilt-up concrete.</p> <p>Loxon Vertical Concrete Stain will not peel, crack or blister from a properly prepared concrete or masonry surface.</p> <p>Features:</p> <ul style="list-style-type: none"> • Provides excellent water repellency • Alkali resistant • Good early blister resistance • Excellent adhesion • Excellent chalk resistance • Good UV resistance • Excellent efflorescence resistance • Allows moisture vapor to escape from the building interior • May be applied to a surface with a pH of 6 to 13 • Soap & water clean-up <p>Use on:</p> <ul style="list-style-type: none"> • Stadium Supports • Bridges and Bridge Structures • Parking Garage Supports • Block & Stucco Walls • CMU, Split Face, and Fluted Block • Precast, Poured-in-place, and Tilt-up Concrete. <p>Final appearance is affected by surface texture and color, absorption rate, porosity of the substrate and method of application.</p> <p>Loxon Vertical Concrete Stain is not designed to waterproof concrete block or other porous substrates.</p> <p>Performance Testing</p> <p><u>Fungal Resistance</u></p> <table> <tr> <td>Test Method</td> <td>ASTM D 3273</td> </tr> <tr> <td>Requirement</td> <td>Rating of 10</td> </tr> <tr> <td>Duration</td> <td>2 months</td> </tr> <tr> <td>Results</td> <td>Pass</td> </tr> </table>	Test Method	ASTM D 3273	Requirement	Rating of 10	Duration	2 months	Results	Pass	<p>Color: many tinted colors</p> <p>Coverage: Approximate total* coverage rates:</p> <table> <thead> <tr> <th></th> <th>sq ft/gal*</th> </tr> </thead> <tbody> <tr> <td>Tilt-up & Precast Concrete</td> <td>150 - 250</td> </tr> <tr> <td>Porous Concrete</td> <td>100 - 200</td> </tr> <tr> <td>Concrete Block</td> <td>100 - 200</td> </tr> <tr> <td>Decorative Block (Split faced/fluted)</td> <td>50 - 150</td> </tr> <tr> <td>Stucco</td> <td>50 - 150</td> </tr> </tbody> </table> <p>* Calculate the amount needed for a two coat application. The first coat will penetrate and seal the surface, the second coat will uniform the color and sheen on the surface and provide a water repellent film. Some very heavy textured surfaces may require a third coat for uniformity. A test area on the actual surface should be prepared and approved to ensure the spreading rate and final appearance before the job is started.</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent</p> <table> <tr> <td>To touch:</td> <td>15 minutes</td> </tr> <tr> <td>Recoat:</td> <td>15 minutes</td> </tr> </table> <p>Recoat as soon as the first coat is dry to the touch.</p> <p>Flash Point: N/A</p> <p>Finish: 0-4 units @ 60°</p> <p>Tinting with CCE:</p> <table> <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</p> <p style="text-align: center;">A31W00051</p> <p>VOC (less exempt solvents): <50 g/L; <0.42 lb/gal As per 40 CFR 59.406 and SOR/2009-264, s.12</p> <p>Volume Solids: 30 ± 2%</p> <p>Weight Solids: 45 ± 2%</p> <p>Weight per Gallon: 10.50 lb</p>		sq ft/gal*	Tilt-up & Precast Concrete	150 - 250	Porous Concrete	100 - 200	Concrete Block	100 - 200	Decorative Block (Split faced/fluted)	50 - 150	Stucco	50 - 150	To touch:	15 minutes	Recoat:	15 minutes	Base	oz/gal	Strength	Extra White	0-5	100%	Deep Base	4-12	100%	<p>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.</p> <p>New Concrete: If needed, pressure clean with a minimum of 2100 psi to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. 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.</p> <p>Concrete surfaces should absorb water. Test various sections by spraying water directly onto the surface to be stained. If the water does not absorb rapidly, then the surface should be acid etched using a quality etching solution following label instructions or mechanically abraded. Do not apply the stain until all surfaces are porous.</p> <p>Fill bugholes, air pockets, cracks, and other voids and gaps between windows, doors, trim, and other through-wall openings using an elastomeric sealant or patch or the appropriate caulk.</p>
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<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p>Mildew Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p>Previously Painted: All old, peeling, flaking paint must be removed. Areas must be clean and free of dirt, oil, grease, etc. Rinse thoroughly and allow to dry. Any remaining paint should be removed.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p>	<p>For most applications, a minimum of two coats is required for maximum water repellency and uniform appearance.</p> <p>Stir stain thoroughly before and during application.</p> <p>When using more than one container, intermix all containers together to ensure color uniformity.</p> <p>Air and surface temperature must be between 50° and 90°F.</p> <p>Thinning not required.</p> <p>Brush—Use a nylon/polyester brush Roller—Use a 3/8" - 1/2" nap cover Spray—Airless Pressure2000 psi Tip017" - .025"</p>	<p>For exterior use only. Protect from freezing. Do not use on wood surfaces. Not for use on floors, roofs, decks, etc. where water may collect Non-photochemically reactive.</p> <p>HOTW 04/20/2017 A31W00051 23 47</p> <p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p> <p>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.</p>