



**SHERWIN  
WILLIAMS.**



107.32  
WATER REPELLANT  
**LOXON®**

**VERTICAL CONCRETE STAIN**  
**A31 SERIES**

As of 09/22/08, Complies with:			
OTC	Yes	LEED® Civ2.0	No
SCAQMD	Yes	LEED® NCv2.2	No
CARB	Yes	LEED® CSv2.0	No
MPI Spec #	No	LEED® H	No
NAHB	No		

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>																																	
<p><b>Loxon Vertical Concrete Stain</b> is a water repellent that provides superior protection and beauty for exterior tilt-up concrete.</p> <p><b>Loxon Vertical Concrete Stain</b> will not peel, crack or blister from a properly prepared concrete or masonry surface.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Provides excellent water repellency</li> <li>• Alkali resistant</li> <li>• Good early blister resistance</li> <li>• Excellent adhesion</li> <li>• Excellent chalk resistance</li> <li>• Good UV resistance</li> <li>• Excellent efflorescence resistance</li> <li>• Allows moisture vapor to escape from the building interior</li> <li>• May be applied to a surface with a pH of 6 to 13</li> <li>• Soap &amp; water clean-up</li> </ul> <p><b>Use on:</b></p> <ul style="list-style-type: none"> <li>• Stadium Supports</li> <li>• Bridges and Bridge Structures</li> <li>• Parking Garage Supports</li> <li>• Block &amp; Stucco Walls</li> <li>• CMU, Split Face, and Fluted Block</li> <li>• Precast, Poured-in-place, and Tilt-up Concrete.</li> </ul> <p>Final appearance is affected by surface texture and color, absorption rate, porosity of the substrate and method of application.</p> <p><b>Loxon Vertical Concrete Stain</b> is not designed to waterproof concrete block or other porous substrates.</p> <p><b>Performance Testing</b></p> <p><u>Fungal Resistance</u></p> <table border="0"> <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><b>Color:</b> many tinted colors</p> <p><b>Coverage:</b></p> <p>Approximate total* coverage rates:</p> <table border="0"> <tr> <td></td> <td>sq ft/gal*</td> </tr> <tr> <td>Tilt-up &amp; 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> </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><b>Drying Time, @ 77°F, 50% RH:</b></p> <p>temperature and humidity dependent</p> <table border="0"> <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><b>Flash Point:</b> N/A</p> <p><b>Finish:</b> 0-4 units @ 60°</p> <p><b>Shelf Life:</b> 3 years stored indoors at 40° to 100°F</p> <p><b>Tinting with Blend-A-Color:</b></p> <table border="0"> <tr> <td>Base</td> <td>oz/gal</td> <td>Strength</td> </tr> <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> </table> <p><b>Vehicle Type:</b> Acrylic</p> <p><b>VOC (less exempt solvents):</b> 48 g/L; 0.40 lb/gal</p> <p><b>Volume Solids:</b> 30 ± 2%</p> <p><b>Weight Solids:</b> 45 ± 2%</p> <p><b>Weight per Gallon:</b> 10.4 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><b>WARNING!</b> 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><b>Concrete:</b></p> <p>If needed, pressure clean with a minimum of 2100 psi to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. Allow the surface to dry thoroughly. Scrape and sand existing peeled or checked paint to a sound surface. Sand glossy surfaces dull. 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>Fill bugholes, air pockets, cracks, and other voids with ConSeal™ Sealant or Patch. Gaps between windows, doors, trim, and other through-wall openings can be filled using ConSeal Sealant or Patch or the appropriate caulk.</p>
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# 107.32 WATER REPELLANT

# LOXON<sup>®</sup>

# VERTICAL CONCRETE STAIN

# A31 SERIES



<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p><b>Previously Painted:</b> All old, peeling, flaking paint must be removed. Areas with firm adhesion must be clean and free of dirt, oil, grease, etc. Rinse thoroughly and allow to dry. Remaining paint should be rough sanded in a circular motion to ensure adhesion of Loxon Vertical Concrete Stain. Rinse away sanding dust.</p> <p><b>Mildew:</b> Remove 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><b>For most applications, a minimum of two coats is required for maximum water repellancy and uniform appearance.</b></p> <p>Stir stain thoroughly before and during application.</p> <p>When using more than one container, <b>intermix</b> 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><b>Brush</b>—Use a nylon/polyester brush  <b>Roller</b>—Use a 3/8" - 1/2" nap cover  <b>Spray—Airless</b>            Pressure ..... 2000 psi            Tip ..... .017" - .025"</p> <p><u><b>CLEANUP INFORMATION</b></u></p> <p>Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using any solvent.</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><b>LABEL CAUTIONS</b>  <b>CAUTION</b> contains CRYSTALLINE SILICA, 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. <b>FIRST AID:</b> 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. <b>DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.</b> 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. <b>WARNING:</b> This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. <b>DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.</b>            HOTW 09/22/2008 A31W00051 11 00</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 to obtain the most recent Product Data Sheet.</p>