

Loxon®

Vertical Concrete Stain

LX31W0051 Extra White, LX31W0053 Deep Base



**SHERWIN
WILLIAMS®**

CHARACTERISTICS

Loxon Vertical Concrete Stain is a water repellent that provides excellent protection and beauty for exterior tilt-up concrete.

Loxon Vertical Concrete Stain will not peel, crack or blister from a properly prepared concrete or masonry surface.

Features:

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

Color: Many tinted colors

Coverage: Approximate total* coverage rates:

Tilt-up & Precast Concrete 150-250

Porous Concrete, CMU 100-200

Decorative Block, Stucco 50-150

* 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.

Drying Schedule @ 50% RH: temperature and humidity dependent

@ 77°F

Touch: 15 minutes

Recoat: 15 minutes

Recoat as soon as the first coat is dry to the touch.

Finish: 0-8 units @ 60°

Tinting with CCE only:

Base oz/gal Strength:

Extra White 0-6 SherColor

Deep Base 4-12 SherColor

Extra White LX31W0051

(may vary by color)

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 30 ± 2%

Weight Solids: 45 ± 2%

Weight per Gallon: 10.50 lb

Flash Point: NA

Vehicle Type: Acrylic

Shelf Life: 36 months, unopened

COMPLIANCE

As of 08/20/2019, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Product Lens Certified	No
MPI	No

APPLICATION

Temperature: Air and surface temperature must be between 50° and 90°F.

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Reducer: No reduction necessary

Airless Spray:

Pressure 2000 p.s.i.

Tip .017-.025 inch

Brush Use a nylon/polyester brush.

Roller Cover Use a 3/8 to 1/2 inch nap synthetic cover.

For most applications, a minimum of two coats is required for maximum water repellency and uniform appearance.

Stir stain thoroughly before and during application.

When using more than one container, intermix all containers together to ensure color uniformity.

Thinning not required.

APPLICATION TIPS

Final appearance is affected by surface texture and color, absorption rate, porosity of the substrate and method of application.

Loxon Vertical Concrete Stain is not designed to waterproof concrete block or other porous substrates.

RECOMMENDED SYSTEMS

Use on:

- 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.

Vertical Concrete Stain**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.

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.

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.

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.

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

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.

SURFACE PREPARATION**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.

PERFORMANCE TESTING

Do not paint on wet surfaces.

LX31W0051

Water Vapor Permeance : 21.3 perms grains/(hr ft² in Hg).

Method: ASTM D1653 14 day cure @ 77°F & 50% RH

Fungal Resistance:

Method: ASTM D3273

Requirement: Rating of 10, Duration 2 months

Results: Pass

CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Do not use on wood surfaces.

Not for use on floors, roofs, decks, etc. where water may collect

Before using, carefully read CAUTIONS on label.

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. **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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CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.