Loxon®
Concrete and Masonry Primer/Sealer
U.S. LX02W0050 White, Canada LX02WQ050 White

CHARACTERISTICS

Loxon Concrete & Masonry Primer/Sealer is an acrylic coating specifically engineered for interior and exterior, above-grade, masonry surfaces requiring a high performance primer. It is highly alkaline and efflorescence resistant and can be applied to surfaces with a pH of 6 to 13.

Loxon Concrete & Masonry Primer/Sealer:
Seals and adheres to concrete, brick, stucco and plaster
Conditions porous masonry surfaces
Use on above grade masonry surfaces for a long-lasting finish
Apply to masonry and concrete surfaces that are at least 7 days old.
Prevents harm to subsequent coatings by alkalies in the substrate

For use on these surfaces:
Concrete, Concrete Block, Brick, Stucco, Fiber Cement Siding, Plaster, Mortar, EIFS Exterior Wall Cladding

Color: White
Coverage:
Wet mls: 5.3-8.0
Dry mls: 2.1-3.2
Coverage sq.ft. per gallon 200-300
Coverage on porous & rough stucco 80 square feet per gallon

Drying Schedule 77° F @ 50% RH:
Touch: 4 hours
Recat: 24 hours
Air and surface temperatures must not drop below 40°F for 48 hours after application. Drying and recoat times are temperature, humidity and film thickness dependent.

Finish: 0-10 units @85°
Tinting with CCE only:
For best topcoat color development, use the recommended “P”-shade primer. If desired, up to 4 oz. per gallon of ColorCast® Ecotones can be used to approximate the topcoat color. Check color before use.

White LX02W0050 V.O.C. (less exempt solvents): less than 50 grams per litre; 0.42 lbs. per gallon

Volume Solids: 40 ± 2%
Weight Solids: 55 ± 2%
Weight per Gallon: 10.92 lb
Flash Point: NA
Vehicle Type: Acrylic
Shelf Life: 36 months, unopened

COMPLIANCE

As of 12/11/2019, Complies with:

OTC
OTC Phase II
SCAQMD
CARB
CARB SCM 2007
Canada
LEED® v4 & v4.1 Emissions
LEED® v4 & v4.1 V.O.C.
EPD-NSF® Certified
MIR-Product Lens Certified
MPI

APPLICATION

Temperature: minimum 40°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: 2000-2700 p.s.i.
Tip: .019 inch
Brush: Use a nylon/polyster brush.
Roller Cover: Use a 1/2 to 1-1/2 inch nap synthetic cover.

Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

For porous block a coat of Loxon Acrylic Block Surfacer is required to achieve a pinhole free surface.

Apply at temperatures above 40°F. When the air temperature is at 40°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 40°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 4-6 hours.

Do not apply at air or surface temperatures below 40°F or when air or surface temperatures may drop below 40°F within 48 hours.

Do not paint in direct sun or on a hot surface.

Do not reduce.

May be applied to damp but not to wet surfaces.

APPLICATION TIPS

Apply paint at the recommended film thickness and spreading rate as indicated on the page. Application of coating below minimum recommended spreading rate may adversely affect the coating systems performance.

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer/sealer must be topcoated with a latex, alkyd/oil, water based epoxy, or solvent based epoxy coating on architectural applications.

For exterior use, this primer/sealer must be topcoated within 14 days to prevent degradation due to weathering.

RECOMMENDED SYSTEMS

Concrete, Masonry, Cement:
1 coat Loxon Concrete and Masonry Primer
2 coats Appropriate topcoat

Stucco, Fiber Cement Siding, EIFS:
1 coat Loxon Concrete and Masonry Primer
2 coats Appropriate topcoat

Recommended Architectural Topcoats:
A-100 Exterior Latex
Duration Exterior & Duration Home Interior
Emerald Exterior & Interior
Loxon Masonry Coatings
SuperPaint Exterior & Interior
ProClassic Interior
ProMar Interior

Recommended Industrial Topcoats:
Industrial Enamels
Pro Industrial Series
Steel Master 9500 Silicone Alkyd

Water Based Catalyzed Epoxy

Industrial finishes have been tested for architectural applications only. Loxon Concrete and Masonry Primer has not been tested in environments subject to chemical attack. Any recommendations for use in such areas must follow a thorough evaluation of the effects of the environment on the Loxon Concrete and Masonry Primer and topcoat system.
**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. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Masonry, Concrete, Stucco:**

All new surfaces must cure for at least 7 days. Remove all form release and curing agents. Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding. Repair cracks, voids, and other holes with an appropriate patching compound or sealant. Concrete and mortar must be cured at least 7 days at 75°F. Moisture content must be 15% or lower. On tilt-up and poured-in-place concrete, concrete and mortar must be cured at least 7 days at 75°F. Moisture content must be 15% or lower. On tilt-up and poured-in-place concrete, concrete and mortar must be cured at least 7 days at 75°F. Moisture content must be 15% or lower. On tilt-up and poured-in-place concrete, concrete and mortar must be cured at least 7 days at 40°F for 48 hours after application.

**Caulking**

Fill gaps between walls, ceilings, crown moldings, and other trim with the appropriate caulk after priming the surface.

**PHYSICAL PROPERTIES**

Do not paint on wet surfaces.

**LX02W0050**

**Water Vapor Permeance (US):** 26.67 perms

**Method:** ASTM D1653 grains/(hr ft² in Hg)

**Flexibility:**

**Method:** ASTM D522, method B, 180° bend, 1/8 inch mandrel

**Result:** Pass

**Alkali Resistance:**

**Method:** ASTM D1308

**Result:** Pass

**Mildew Resistance:**

**Method:** ASTM D3273/D3274

**Result:** Pass

**Efflorescence:**

**Method:** ASTM D7072-04

**Result:** None

**CAUTIONS**

For interior or exterior use. Protect from freezing. Do not apply at temperatures below 40°F. Air and surface temperatures must not drop below 40°F for 48 hours after application. 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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**FRC, SP**

**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.

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.