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Loxon®

Concrete and Masonry Primer-Sealer

US LX02W0050, 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 alkali and efflorescence resistant and can be applied to a surface with a pH of 6 to 13.

Loxon Concrete and 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, EIFS Fiber Cement Siding, Plaster, Mortar, Exterior Wall Cladding, Tilt-Up/Pre-Cast Concrete

Finish:	0-10 units @ 85°
Color:	White

Coverage:

Wet mils:	5.3-8.0
Dry mils:	2.1-3.2
Coverage:	200-320 sq. ft. per gallon

Coverage on porous & rough stucco 80 square feet per gallon.

Coverage (thin-mil primer application to new construction tilt-up/precast concrete):

Wet mils:	2.7-4.0
Dry mils:	1.1-1.6
Coverage:	400-600 sq. ft. per gallon

Drying Schedule 77°F @ 50% RH:

To touch	4 hours
To recoat	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.

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 Ecotoners can be used to approximate the topcoat color. Check color before use.

Extra White LX02W0050

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:	40 ±2%
Weight Solids:	55 ±2%
Weight per Gallon:	10.92 lbs
Flash Point:	N.A.
Vehicle Type:	Acrylic
Shelf Life:	36 months, unopened

COMPLIANCE

As of 07/19/2023, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Product Lens Certified	Yes
MPI®	Yes

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	.19 inch
Brush:	nylon-polyester
Roller Cover:	½ to $1^{1/2}$ inch nap synthetic cover

Spray and back roll 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.

For best performance results, avoid painting in direct sun or painting substrates with elevated surface temperatures.

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 & Masonry Primer
2 coats Appropriate Topcoat

Stucco, Fiber Cement Siding, EIFS:

1 coat Loxon Concrete & 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
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.

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SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting: US - National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead; Canada - 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 scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed 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, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Fill bugholes, air pockets and other voids with an acrylic elastomeric patch or sealant.

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

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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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.

PHYSICAL PROPERTIES

Do not paint on wet surfaces.

LX02W0050

Water Vapor Permeance (US):
Method: ASTM D1653 (grains/(hr ft2 in Hg)
Result: 25.79 perms

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: Pass (None)

Wind-Driven Rain Test:
Method: ASTM D6904-03
Result: Pass

SAFETY PRECAUTIONS

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.

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. 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. **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 clean water. After cleaning, flush spray equipment with 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