

Loxon®**Self-Cleaning Acrylic Coating - Satin**

LX14-50 Series

**SHERWIN
WILLIAMS.****CHARACTERISTICS**

Loxon Self-Cleaning Acrylic Coating is specifically engineered for exterior, above grade, masonry surfaces requiring a clean and attractive look while providing high performance protection with enhanced water shedding and dirt pick-up resistant properties. This may be applied to a surface with a pH of 6 to 13.

Loxon Self-Cleaning Acrylic Coating is formulated to be self-cleaning by shedding dirt upon rain or water contact.

Key Attributes and Benefits:

- Excellent dirt pick up resistance
- Excellent water shedding
- Resistant to wind driven rain
- Hydrophobic characteristics
- Adhesion to many concrete surfaces, wood and EIFS
- Highly alkali and efflorescence resistant
- Apply directly to fresh concrete (at least 7 days old)
- Can be applied down to 35°F

Finish: 10-20 units @ 60°
Color: many Colors

Coverage:

Wet mils: 5-7
Dry mils: 2.0-2.8
Coverage: 220-320 sq. ft. per gallon
Coverage on porous & rough stucco 125 square feet per gallon.

Drying Schedule @ 50% RH: Drying and recoat times are temperature, humidity, and film thickness dependent.

To touch 4 hours
To recoat 24 hours
No maximum recoat time.

Tinting with CCE only:

Base	oz. per gallon	Strength
Extra White	0-7	SherColor
Deep Base	4-12	SherColor
Ultra Deep	10-12	SherColor
Light Yellow	0-12	SherColor

Extra White LX14W0051

(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: 38 ±2%
Weight Solids: 50 ±2%
Weight per Gallon: 10.18 lbs
Flash Point: N.A.
Vehicle Type: 100% Acrylic
Shelf Life: 36 months, unopened
Mildew Resistant:

This coating contains agents which inhibit the growth of mildew on the surface of this coating film. Passes ASTM D3273/D3274

COMPLIANCE

As of 08/10/2022, 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	N/A
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	Yes

APPLICATION**Temperature:**

minimum 35°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-.021 inch

Brush: nylon-polyester

Purdy Pro-Extra

Purdy Marathon

Roller Cover: 1/2-3/4 inch nap synthetic

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 Surfer is required to achieve a pinhole free surface.

Apply at temperatures above 35°F. When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

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

Use high bond exterior painter's tape such as ShurTape® FROGTape® High Bond Exterior Painter's Tape™ (SMIS 651259798) when coated surface requires masking. Allow coating to dry 24 hours prior to applying to surface.

Do not reduce.

APPLICATION TIPS**Sealing and Patching:**

After cleaning the surface thoroughly, prime the concrete surface with Loxon Self-Cleaning Acrylic Coating, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat.

To improve the performance, consider:

Use caution when preparing the substrate to create a uniform surface.

Cracks, crevices, and through-wall openings must be patched with an elastomeric patch or sealant.

Fill voids and openings around window and doors with an elastomeric patch or sealant.

Stripe coat all inside and outside corners and edges with 1 coat of Loxon Self-Cleaning Coating.

Caulking:

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

RECOMMENDED SYSTEMS**Concrete, Masonry, Stucco, EIFS:**

Self-Prime using 2 coats of Loxon Self-Cleaning
or

1 coat Loxon Concrete & Masonry Primer
(if needed)

or
1 coat Loxon Conditioner (if needed)
2 coats Loxon Self-Cleaning

CMU, Block, Split-face Block:

1 coat Loxon Acrylic Block Surfer

or

1 coat Pro Industrial™ Heavy Duty Block Filler
2 coats Loxon Self-Cleaning

Wood:

1 coat Exterior Latex Primer
2 coats Loxon Self-Cleaner

Metal:

1 coat Pro Industrial™ Pro-Cryl® Primer
2 coats Loxon Self-Cleaner

Previously Coated in good condition:

After power washing, apply 1-2 coats of Loxon Self-Cleaning over the surface.

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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, CMU:

Remove all dirt, dust, mildew, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc.

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.

Allow the surface to dry thoroughly.

Concrete and mortar must be cured at least 7 days at 75°F to apply this product directly. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough and porous block can be filled using Loxon Acrylic Block Surfer to provide a smooth surface.

Cement Composition Siding-Panels:

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. Concrete and masonry must be cured at least 7 days at 75°F. Fill bug holes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

Incidental Metal:

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method. Primer required.

Wood:

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed. Primer required.

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.

LX14W0051

Wind-Driven Rain Test:

Method: ASTM D6904-13
Result: Pass
2 coats Loxon Self-Cleaning @ 4.2- mils d.f.t. total

Water Vapor Permeance:

Method: ASTM D1653
Result: 26.1 perms
1 coat Loxon Self-Cleaning @ 4.3-mils d.f.t.
14 day cure @ 77°F & 50% RH

Elongation:

Method: ASTM D2370
Result: 159%
1 coat Loxon Self-Cleaning @ 4.8-mils d.f.t.
14 day cure @ 77°F & 50% RH, 1 inch per minute

Tensile Strength:

Method: ASTM D2370
Result: 224 p.s.i.
1 coat Loxon Self-Cleaning @ 4.8-mils d.f.t.
14 day cure @ 77°F & 50% RH, 1 inch per minute

Flexibility:

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

Alkali Resistance:

Method: ASTM D1308
Result: Pass

Mildew Resistance:

Method: ASTM D3273/D3274
Result: Pass

Efflorescence:

Method: ASTM D7072-04
Result: Pass (None)

Adhesion to Concrete:

Method: ASTM D3359
Result: 5B

SAFETY PRECAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use below grade. Will not withstand hydrostatic pressure.

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.