Loxon®
Self-Cleaning Acrylic Coating-Flat
LX13-50 Series

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

Color: Many Colors
Coverage:
- Wet mils: 5-7
- Dry mils: 2.1-2.9
- Coverage sq.ft. per gallon 200-300
- Coverage on porous & rough stucco 125 square feet per gallon

Drying Schedule @ 50% RH: temperature and humidity dependent
- Touch: 4 hours
- Recoat: 24 hours
No maximum recoat time. Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish: 0-10 units @ 85°
- Tinting with CCE only: oz. per gallon
  - Base Strength SherColor
  - Extra White 0-7 SherColor
  - Deep Base 4-12 SherColor
  - Ultradeep 10-12 SherColor
  - Light Yellow 0-12 SherColor

Extra White LX13W0051
(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: 42 ± 2%
- Weight Solids: 57 ± 2%
- Weight per Gallon: 11.37 lb
- Flash Point: NA
- 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 12/10/2019, Complies with:
- OTC Yes
- OTC Phase II Yes
- SCAQMD Yes
- CARB Yes
- CARB SCM 2007 Yes
- Canada Yes
- LEED® v4 & v4.1 Emissions N/A
- LEED® v4 & v4.1 V.O.C. Yes
- EPD-NSF® Certified N/A
- 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
- Use a nylon/polyester brush. Purdy Pro-
- Extra
Roller Cover
- Use a 1/2 to 3/4 inch nap synthetic cover. Purdy Marathon
- 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 pin-hole 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.
- Do not paint in direct sun or on a hot surface.

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.
- Fits, cracks, 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
- 1 coat Loxon Concrete and Masonry Primer (if needed)
- Loxon Conditioner (if needed)
- 2 coats Loxon Self-Cleaning

CMU, Block, Split-face Block:
- 1 coat Loxon Acrylic Block Surfacer
- Pro Industrial Heavy Duty Block Filler
- 2 coats Loxon Self-Cleaning

Wood:
- 1 coat Exterior Latex Primer
- 2 coats Loxon Self-Cleaning

Previously Coated in good condition:
- After power washing, apply 1-2 coats of Loxon Self-Cleaning over the surface.
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Self-Cleaning Acrylic Coating-Flat

**SURFACE PREPARATION**

| WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that can 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/separator. 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 Surfacer 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 bugholes, 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 abrasive 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.

<table>
<thead>
<tr>
<th><strong>SURFACE PREPARATION</strong></th>
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<tbody>
<tr>
<td>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.</td>
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<tr>
<th><strong>PHYSICAL PROPERTIES</strong></th>
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<tr>
<td>Do not paint on wet surfaces.</td>
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<tr>
<td>LX13W0051</td>
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<tr>
<td><strong>Wind-Driven Rain Test</strong>: Pass</td>
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<tr>
<td>Method: ASTM D6904-03</td>
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<tr>
<td>2 coats</td>
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<tr>
<td><strong>Water Vapor Permeance</strong>: 22 perms</td>
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<tr>
<td>Method: ASTM D1653 14 day cure @ 77°F &amp; 50% RH</td>
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<tr>
<td>1 coat</td>
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<tr>
<td><strong>Elongation</strong>: 55%</td>
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<tr>
<td>Method: ASTM D2370, 14 day cure @ 77°F &amp; 50% RH</td>
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<tr>
<td>1 coat</td>
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<tr>
<td><strong>Tensile Strength</strong>: 310 psi</td>
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<tr>
<td>Method: ASTM D2370, 14 day cure @ 77°F &amp; 50% RH</td>
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<tr>
<td>1 coat</td>
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<tr>
<td><strong>Flexibility</strong>:</td>
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<tr>
<td>Method: ASTM D522, method B, 180° bend, 1/8 inch mandrel</td>
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<tr>
<td>Result: Pass</td>
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<tr>
<td><strong>Alkali Resistance</strong>:</td>
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<tr>
<td>Method: ASTM D1308</td>
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<tr>
<td>Result: Pass</td>
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<tr>
<td><strong>Mildew Resistance</strong>:</td>
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<tr>
<td>Method: ASTM D3273/D3274</td>
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<tr>
<td>Result: Pass</td>
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<td><strong>Efflorescence</strong>:</td>
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<td>Method: ASTM D7072-04</td>
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<td>Result: None</td>
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<th><strong>CAUTIONS</strong></th>
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<tr>
<td>For exterior use only.</td>
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<tr>
<td>Protect from freezing.</td>
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<tr>
<td>Non-photochemically reactive.</td>
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<tr>
<td>Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.</td>
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<tr>
<td>Not for use below grade. Will not withstand hydrostatic pressure.</td>
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<tr>
<td>Before using, carefully read CAUTIONS on label.</td>
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<tr>
<td><strong>CRYSSTALINE SILICA, ZINC.</strong> 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.</td>
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<td>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.</td>
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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.