



**SHERWIN  
WILLIAMS.**

**LOXON® XP**  
Waterproofing System  
A24 Series

As of 12/01/2012, Complies with:			
OTC	Yes	LEED® 09CI	N/A
SCAQMD	Yes	LEED® 09NC	N/A
CARB	Yes	LEED® 09CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI #	10	NGBC	N/A

**CHARACTERISTICS**

**Loxon XP** is a high build coating that provides excellent flexibility, durability and weather resistance. This product will protect against wind-driven rain when used on tilt-up, precast, or poured-in-place concrete, CMU, and stucco. It is highly alkali and efflorescence resistant. This may be applied to a surface with a pH of 6 to 13.

**Advantages:**

- Apply directly to fresh concrete (less than 28 days old)
- Can be applied over high pH (up to 13) substrates
- No Primer required

**PHYSICAL PROPERTIES**

**Wind-Driven Rain Test** ..... Passes  
ASTM D6904-03  
2 cts Loxon XP at 6.4-8.3 mils dft/ct

**Water Vapor Permeance** ..... 13.4 perms  
Based on ASTM D1653  
1 ct Loxon XP at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH

**Elongation** ..... 350%  
ASTM D2370  
1 ct Loxon XP at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH

**Tensile Strength** ..... 350 psi  
ASTM D2370  
1 ct Loxon XP at 9.4 mils dft,  
14 day cure @ 77°F & 50% RH

**Flexibility** ..... Passes  
ASTM D522

**Alkali Resistance** ..... Passes  
Based on ASTM D1308

**Mildew Resistance** ..... Passes  
ASTM D3273/D3274

**SPECIFICATIONS**

**Color:** Most colors  
**1 coat system, brush, roller, or spray applied, coverage per coat:**  
14-18 mils wet 6.4 - 8.3 mils dry  
90 - 115 sq ft/gal  
Can be applied up to 40 mils wet.  
Coverage will vary with the substrate and the texture.  
Coverage on porous & rough stucco 80 square feet per gallon

**Drying Time, @ 77°F, 50% RH:**  
Touch: 4 hours  
Recoat: 24 hours  
Drying and recoat times are temperature, humidity, and film thickness dependent.

**Flash Point:** N/A  
**Finish:** 0-10 units @ 85°

**Tinting with CCE:**

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%
Ultradeep	4-12	100%
Light Yellow	4-12	100%

**Vehicle Type:** Styrene Acrylic  
**A24W00451**

**VOC (less exempt solvents):**  
<50 g/L; <0.42 lb/gal

**Volume Solids:** 47 ± 2%  
**Weight Solids:** 62 ± 2%  
**Weight per Gallon:** 11.4 lb

**Mildew Resistant**  
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

**SPECIFICATIONS**

**For proper waterproofing performance and to resist alkalis, 2 coats of the coating MUST be applied between 14.0 -18.0 mils wet per coat.**

**A total dry film thickness of 12 - 16 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.**

For extremely porous block a coat of Loxon Block Surfacer may be required to achieve a pinhole free surface.

**Concrete, Stucco, Concrete Block, CMU, Split-face Block**  
1 ct. Loxon Block Surfacer (if needed)  
1 ct. Loxon XP

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

**Previously Coated in good condition**  
After power washing, apply 1 coat of Loxon XP over the surface.

**Waterproofing System**

- Two coats of topcoat
- 6.4 to 8.3 mils dft per coat
- 12.8 to 16.6 mils total dry film thickness
- 10 or less pinholes per square foot



# LOXON® XP

## Waterproofing System

### A24 Series

#### 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.

#### **Concrete, CMU, Stucco**

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.

Sand glossy surfaces dull.

Concrete and mortar 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.

#### SURFACE PREPARATION

**Sealing and Patching**—After cleaning the surface thoroughly, prime any bare surface with Loxon XP, 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 XP coating.

#### APPLICATION

For proper waterproofing performance and to resist alkalies, 2 coats of the coating **MUST** be applied between 14.0 -18.0 mils wet per coat.

Apply at temperatures between 50°F and 100°F. Do not reduce.

**Brush** - Use a nylon/polyester brush.

**Roller** - Use a ½" to 1½" nap synthetic roller cover.

**Spray—Airless**

Pressure, minimum ..... 2300 psi

Tip, minimum..... .021"

The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling
- Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

#### CLEANUP INFORMATION

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

#### CAUTIONS

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.

**CAUTION** contains 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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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 to obtain the most recent Product Data Sheet.