**LOXON® XP**

**Waterproofing System**

**A24-1400 Series**

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Color:</th>
<th>Most colors 1 coat system, brush, roller, or spray applied, coverage per coat: 14-18 mils wet 6.5 - 8.4 mils dry</th>
<th>Can be applied up to 40 mils wet. Coverage will vary with the substrate and the texture. Coverage on porous &amp; rough stucco 80 square feet per gallon.</th>
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</thead>
<tbody>
<tr>
<td>Drying Time, @ 50% RH: temperature and humidity dependent</td>
<td>35-45°F</td>
<td>@ 45°F+ Touch: 6 hour 4 hours Recoil: 24-48 hours 24 hours</td>
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**Characteristics**

Loxon XP is an exterior, high build coating that provides excellent flexibility, durability and weather resistance. This product will protect against wind-driven rain when used on concrete, CMU, stucco and shotcrete/gunite. It is highly alkalai and efflorescence resistant. This may be applied to a surface with a pH of 6 to 13.

- Apply directly to fresh concrete (at least 7 days old)
- Shotcrete/gunite surfaces may be painted after 3 days
- Can be applied over high pH (up to 13) substrates
- No primer required
- Improved roller appearance
- Can be applied down to 35°F

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**Physical Properties**

Wind-Driven Rain Test: Passes ASTM D6904-03

2 cts Loxon XP @ 6.4-8.3 mils dft/ct

Water Vapor Permeance: 17.96 perms Based on ASTM D1653

2 cts Loxon XP at 6.5 mils dft

14 day cure @ 77°F & 50% RH

Tensile Strength: 285 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

CO₂ Diffusion (anti-carbonation): 344 meters Equivalent Air Thickness: >50 meters to pass 8.0 g/m²/24 hrs

Chloride Ion Permeability: >243 coulombs “Very Low” Permeability Class

Crack Bridging: Class A5 EN 1062-7 Method A up to 2.5 mm @ -10°C

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**Recent Certification**

As of 11/21/2016, Complies with:

- OTC
- LEED®
- CARB
- LEED®
- CARB SCM 2007
- MPI

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**Additional Information**

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.

A total dry film thickness of 13 - 16.8 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.

For rehabilitating existing concrete water tanks, additional products may be used.

Concrete, Stucco, Concrete Block, CMU, Split-face Block, and other Cementitious surfaces

- 1 ct. Loxon Block Surfacer (if needed)
- 1 ct Loxon Conditioner (if needed)

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
- 6.5 to 8.4 mils dft per coat
- 13 to 16.8 mils total dry film thickness
- 10 or less pinholes per square foot

Incidental Wood:

- 1 ct. Exterior Latex Wood Primer
- 1-2 cts Loxon XP

Incidental Metal:

- Steel, galvanized, or aluminum:
- 1 ct. Pro Industrial Pro-Cryl Primer
- 1-2 cts Loxon XP

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**Contact Information**

www.sherwin-williams.com

11/2016 102.39
# Loxon® XP
Waterproofing System
A24-1400 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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Concrete, CMU, Stucco**

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. Concrete and mortar must be cured at least 7 days at 75°F. Fill bigholes, 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, steel wool, or other abrading method.

**Incidental 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.

**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**

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 reduce.

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

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

**Airless Spray**

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, 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.

**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.

Before using, carefully read **CAUTIONS** on label.

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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.