



## Exterior Finishes

### Brick

**Primer:** LX02W0050 - LXN C&M PRIMER WH

**Primer:** K33W00251 - Duration® Coating Exterior Latex Satin Extra White

**Loxon®****Concrete and Masonry Primer-Sealer**

US LX02W0050, Canada LX02WQ050 White

**SHERWIN  
WILLIAMS.****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 alkalis 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 Ecotones 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

8/2022

**COMPLIANCE**

As of 08/15/2022, 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  | 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 ½ 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 Surfer 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, EFIS:**

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  
Steel Master 9500 Silicone Alkyd  
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.

# Duration® Exterior Acrylic Satin

K33-Series


**SHERWIN  
WILLIAMS.**

## CHARACTERISTICS

Duration® Exterior Latex Coating is the result of advances in acrylic technology. Duration uses PermaLast® technology to provide you with the most durable and longest lasting coating available for protecting the outside of your home.

VinylSafe™ paint colors allow you the freedom to choose from 100 color options, including a limited selection of darker colors formulated to resist warping or buckling when applied to a sound, stable vinyl substrate.

- Self-priming One Coat Protection
- Low temperature application down to 35° F.
- Easy application
- Excellent durability and hiding
- Resists Blistering and Peeling

**Color:** Most Colors

**Coverage:** 250-300 sq. ft. per gallon  
5.3-6.4 mils wet 2.1-2.5 mils dry,  
up to 7.0 mils wet; 2.7 mils dry

**Drying Time, @ 50% RH:**

|         | @ 35-45°F   | @ 45°F + |
|---------|-------------|----------|
| Touch:  | 2 hours     | 1 hour   |
| Recoat: | 24-48 hours | 4 hours  |

Drying and recoat times are temperature, humidity, and film thickness dependent

**Finish:** 10-20 units @ 60°

**Tinting with CCE only:**

| Base:          | oz per gallon | Strength: |
|----------------|---------------|-----------|
| Extra White    | 0-7           | SherColor |
| Deep Base      | 4-14          | SherColor |
| Ultradeep Base | 10-14         | SherColor |
| Light Yellow   | 4-14          | SherColor |

**Extra White K33W00251**  
(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

|                           |                             |
|---------------------------|-----------------------------|
| <b>Volume Solids:</b>     | 39 ± 2%                     |
| <b>Weight Solids:</b>     | 50 ± 2%                     |
| <b>Weight per Gallon:</b> | 10.27 lbs                   |
| <b>Flash Point:</b>       | N/A                         |
| <b>Vehicle Type:</b>      | Acrylic                     |
| <b>Shelf Life:</b>        | 36 months unopened          |
| <b>WVP Perms (US)</b>     | 18.68 grains/(hr ft² in Hg) |

### Mildew Resistant

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

## COMPLIANCE

As of 08/31/2020, 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. |
| MIR-Manufacturer Inventory | N.A. |
| MPI®                       | Yes  |

## 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.

No reduction necessary.

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

**Roller:** Use a high quality 3/8-3/4 inch nap synthetic roller cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [sherwin-williams.com](http://sherwin-williams.com)

**Spray—Airless** 2000 p.s.i.  
**Pressure** .015-.019 inch  
**Tip**

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Thoroughly follow the recommended surface preparations. Most coating failures are due to inadequate surface preparation or application. Thorough surface preparation will help provide long term protection with Duration coating. On repaint work, apply one coat of Duration coating; on bare surfaces, apply two coats of Duration, allowing 4 hours drying between coats.

Do not paint in direct sun. Apply at temperatures above 35°F. During application at temperatures above 80°F, Duration sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area into the adjoining wet coating area. Dries to touch in 1 hour and is ready for service overnight.

On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

## SPECIFICATIONS

Duration Exterior Acrylic Latex is self-priming on most surfaces. Apply 2 coats on new, bare substrates or 1 coat for repaint.

Use on these properly prepared surfaces:

Aluminum & Aluminum Siding<sup>1</sup>

Galvanized Steel<sup>1</sup>

Concrete Block

Split face Block

Cement Composition Siding/Panels

Stucco

Concrete

Plywood

Wood

\*Vinyl Siding

Surfaces with a pH greater than 9 must be primed with a high pH-resistant coating such as Loxon Concrete & Masonry Primer.

Standard latex primers cannot be used below 50°F. See specific primer label for that product's application limitations.

Concrete masonry units (CMU) - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of DURATION may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using DURATION.

<sup>1</sup> On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.