

# ConFlex™ XL

## Smooth High Build Acrylic Coating

CF11W0051 Extra White, CF11W0053 Deep Base, CF11T0054 Ultradeep Base



**SHERWIN  
WILLIAMS®**

### CHARACTERISTICS

**ConFlex XL High Build Acrylic Coating** is an elastomeric 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, brick, and stucco.

**Color:** Most Colors

**2 coat system, brush, roller, or spray applied, coverage per coat:** 100-125 sq. ft. per gallon

Wet mils: 13.0-16.0  
Dry mils: 6.0-7.5

**1 coat system, spray applied, coverage per coat:** 50-60 sq. ft. per gallon

Wet mils: 26.0-32.0  
Dry mils: 12.0-15.0

Can be applied up to 40 mils wet. Coverage will vary with the substrate and the texture.

#### **Drying Schedule @ 50% RH:**

**@ 77°F**

**Touch:** 4 hours

**Recoat:** 24 hours

Drying time is temperature, humidity, and film thickness dependent.

**Finish:** 0-10 units @ 85°

#### **Tinting with CCE only:**

Base	oz. per gallon	Strength
Extra White	0-6	SherColor
Deep Base	2-12	SherColor
Ultradeep Base	10-12	SherColor

#### **Extra White CF11W0051**

(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:** 46 ± 2%

**Weight Solids:** 62 ± 2%

**Weight per Gallon:** 11.58 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.

### COMPLIANCE

As of 04/29/2020, 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
MP1®	Yes

### APPLICATION

#### **Temperature:**

Apply between 50°-100°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:**

**Do not reduce**

#### **Airless Spray:**

Pressure 2300 p.s.i.

Tip .021 inch

**Brush:** nylon-polyester

**Roller Cover:** ½ to 1½ inch nap synthetic cover.

Avoid over-brushing or rapid rolling, which causes air bubbles.

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

### APPLICATION TIPS

#### **Sealing and Patching:**

After cleaning the masonry surface thoroughly, prime any bare surface with Loxon Concrete & Masonry Primer, 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.
- Patch cracks, crevices, and openings with an elastomeric patch or sealant
- Stripe coat all inside and outside corners and edges with 1 coat of **ConFlex XL High Build Coating Smooth**.

The depth of the opening should be 1/2 the width of the joint, with a maximum depth of 1/2". In deep openings, the depth of the Sealant should be controlled with a closed cell, "non-gassing" type backer rod. The backer rod should be about 1/8" wider than the opening.

### RECOMMENDED SYSTEMS

**A minimum total dry film thickness of 12 - 15 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.**

#### **New Construction**

##### **Concrete & Stucco:**

1 coat Loxon Concrete and Masonry Primer

1-2 coats ConFlex XL High Build Coating

##### **Concrete Block, CMU, Split-face Block:**

1-2 coats ConFlex Block Filler

or

1-2 coats Loxon Acrylic Block Surfacers

2 coats ConFlex XL High Build Coating  
(2 coats recommended due to the typical porosity of these surfaces)

##### **Previously Coated:**

After power washing, apply 1 coat of Loxon Conditioner to tie any residual chalk to the surface.

1 coat Loxon Acrylic Conditioner (if needed)

1-2 coats ConFlex XL High Build Coating

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## Smooth High Build Acrylic Coating

### 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.

**Masonry, 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. All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. If painting cannot wait 30 days, allow the surface to cure 7 days at 75°F and prime the surface with Loxon Concrete & Masonry Primer or Loxon Block Surfer to fill Block, and CMU.

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 dry and cured at least 30 days and a pH of less than 10 to apply this product directly. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

**To repair openings and cracks:**

**No greater than 1/32" wide:**

Apply one coat of Loxon Acrylic Primer and follow with 1 or 2 coats of ConFlex XL High Build Coating.

**From 1/32" up to 1/16" wide:**

Bridge over voids and small cracks up to 1/16" wide with an elastomeric patch or sealant. The product must be feathered to zero at the edges using a brush, knife, or trowel, to prevent the repaired area from telegraphing through the subsequent finishes. Do not apply more than 1/4" in depth in one application.

**From 1/16" to 3/8" wide:**

Cracks and voids between 1/16" and 3/8" wide should be opened to a sound surface. Flush out the opening to remove all dust. If dust is still evident, seal the surface with Loxon Conditioner to bind the dust to the surface.

Fill the opening with an elastomeric patch or sealant; provide a small crest over the opening to allow for shrinkage. The product must be feathered to zero at the edges using a brush, knife, or trowel, to prevent the repaired area from telegraphing through the subsequent finishes. Do not apply more than 1/4" in depth in one application. Allow this to cure 24 hours.

### 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 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.

### PHYSICAL PROPERTIES

#### Extra White CF11W0051

(may vary by base)

#### Wind-Driven Rain Test<sup>1</sup> :

Method: ASTM D6904-03

Result: Pass

#### Water Vapor Permeance<sup>2</sup> :

Method: ASTM D1653 14 day cure @ 77°F & 50% RH

Result: 16.9 US perms

#### Elongation<sup>3</sup> :

Method: ASTM D2370, 14 day cure @ 77°F & 50% RH

Result: 250%

#### Tensile Strength<sup>3</sup> :

Method: ASTM D2370, 14 day cure @ 77°F & 50% RH

Result: 215 p.s.i.

#### Flexibility:

Method: ASTM D522, Method A

Result: Pass

#### Mildew Resistance :

Method: ASTM D3273/D3274

Result: Pass

#### Low Temperature Flexibility :

Method: ASTM D522 - Method B @ 10°F

Result: Pass

<sup>1</sup> 1 coat Loxon Primer at 3.2 mils D.F.T.

<sup>2</sup> 2 coats ConFlex XL Smooth at 6.0-7.5 mils D.F.T.-per coat

<sup>3</sup> 1 coat ConFlex XL Smooth at 5.9 mils D.F.T.

<sup>3</sup> 1 coat ConFlex XL Smooth at 6.4 mils D.F.T.

### CAUTIONS

For exterior use only.

Protect from freezing.

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

Not for use on overhead horizontal surfaces (under sides of balconies, soffits, etc.)

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

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

**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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### 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.