ConFlex® XL

Smooth High Build Acrylic Coating

CF11W0051 Extra White, CF11W0053 Deep Base, CF11T0054 Ultradeep Base

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, poured-in-place concrete, CMU, brick, and stucco.

Suitable for use on overhead horizontal surfaces providing the adjoining parapet top caps, balconies, soffits, floors, roofs, and decks are sealed against water penetration.

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 77°F @ 50% RH:

To touch	4 hours
To recoat	24 hours

Drying and recoat times are 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 lbs
Flash Point:	N.A.
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 08/14/2025, 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	N/A
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	N/A
MIR-Manufacturer Inventory	N/A
MPI®	#40, 113

APPLICATION

Temperature: Apply between 50°F-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: Use a nylon-polyester brush such as Purdy® Clearcut® Elite™.

Roller: Use a 1/2 to 1 ½ inch nap synthetic cover such as Purdy® Marathon®.

Avoid over-brushing and 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 back rolling
- 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 ½ the width of the joint, with a maximum depth of ½". 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 per coat and a surface with 10 or less pinholes per square foot is required for a waterproofing system. Coverage will vary depending on the porosity and texture of the substrate.

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 Surfacer
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

continued on back

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SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed 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 Surfacer 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:
Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

PHYSICAL PROPERTIES

CF11W0051
(may vary by base)

Wind-Driven Rain Test[1]:
Method: ASTM D6904-03
Result: Pass

Water Vapor Permeance[2]:
Method: ASTM D1653, 14 day cure @77°F & 50% RH
Result: 16.9 US perms

Elongation[3]:
Method: ASTM D2370, 14 day cure @77°F & 50% RH
Result: 250%

Tensile Strength:
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 D3272/D3274
Result: Pass

Low Temperature Flexibilty:
Method: ASTM D522 – Method B @ 10°F
Result: Pass

[1] 1 coat Loxon Primer at 3.2 mils D.F.T.
2 coats ConFlex XL Smooth at 6.0-7.5 mils D.F.T. per coat

[2] 1 coat ConFlex XL Smooth at 5.9 mils D.F.T.

[3] 1 coat ConFlex XL Smooth at 6.4 mils D.F.T.

CAUTIONS

Protect from freezing.

Not recommended for roofing applications.

Not recommended for bridging joints or dynamic cracks in concrete.

Not for use in areas subject to vehicle traffic.

Not for use below grade or underwater. 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 clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.