

ConFlex® Acrylic Coating

CF13-50 Series


**SHERWIN
WILLIAMS.**

CHARACTERISTICS

ConFlex® Acrylic Coating is specifically engineered for exterior, above-grade, masonry surfaces requiring durability and performance protection. When primed with Loxon Concrete and Mason Primer, it is highly alkali and efflorescence resistant. This system provides a durable and weather resistant finish to concrete, concrete composition panels, concrete block, brick, and stucco. This combination may be applied to a surface with a pH of 6 to 13.

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

Coverage: 200 sq. ft. per gallon per coat
Wet mils: 8.0
Dry mils: 3.5

Coverage on porous & rough stucco 80 square feet per gallon.

Drying Schedule 77°F @ 50% RH:

To touch 4 hours

To recoat 24 hours

No maximum recoat time. 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	4-12	SherColor

Extra White CF13W0051

(may vary by product)

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: 44 ±2%

Weight Solids: 60 ±2%

Weight per Gallon: 11.53 lbs

Flash Point: N.A.

Vehicle Type: 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. Passes ASTM D3273/D3274

COMPLIANCE

As of 8/26/2025, 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	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	#10

APPLICATION

Temperature: air, surface, and material
minimum 50°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.

Reduction:	Do not reduce
Airless Spray:	
Pressure	2000-2700 p.s.i.
Tip	.021 inch

Brush: Use a nylon/polyester brush such as Purdy® Clearcut® Elite™.

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

For porous block, a coat of Loxon Acrylic Block Surfacer is required to achieve a pinhole free surface.

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
- Do no paint in direct sun or on a hot surface
- Do not reduce

APPLICATION TIPS

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.

Caulking:

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

RECOMMENDED SYSTEMS

Brick, EFIS:

- 1 coat Loxon Acrylic Conditioner
- 2 coats ConFlex Acrylic Coating

Concrete, Cement Composition Siding/Panels:

- 1 coat Loxon Concrete & Masonry Primer or
- 1 coat Loxon Acrylic Conditioner
- 2 coats ConFlex Acrylic Coating

Concrete Block, CMU, Split-face Block:

- 1 or 2 coats Loxon Acrylic Block Surfacer or
- 1 or 2 coats ConFlex Block Filler
- 2 coats ConFlex Acrylic Coating

For porous block, Loxon Acrylic Block Surfacer or ConFlex Block Filler is needed to achieve a pinhole free surface.

Stucco:

- 1 coat Loxon Concrete & Masonry Primer
- 2 coats ConFlex Acrylic Coating

Spray and backroll on porous and rough stucco to achieve required film build.

ConFlex®

Acrylic Coating

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 Acrylic Block Surfacers 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 cured at least 30 days and a pH of less than 9 to apply this product directly. Fill bugholes, air pockets, cracks, and other voids with an acrylic elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

Cement Composition Siding-Panels:

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 9, prime with Loxon Concrete and Masonry Primer.

Stucco:

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days at 75°F and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

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

Do not paint on wet surfaces.

CF13W0051

Wind-Driven Rain:

Method: ASTM D6904-03
Result: Pass
1 coat Loxon Concrete & Masonry Primer @ 3.2 mils d.f.t.
2 coats ConFlex Acrylic @ 3.5 mils d.f.t./coat

Water Vapor Permeance:

Method: ASTM D1653
14 day cure @77°F & 50% RH
Result: 23.3 perms
1 coat ConFlex Acrylic @ 4.2 mils d.f.t.

Flexibility:

Method: ASTM D522
method B, 180° bend, 1/8 inch mandrel
Result: Pass

Elongation:

Method: ASTM D2370
14 day cure @77°F & 50% RH
Result: Pass
1 coat ConFlex Acrylic @ 5.1 mils d.f.t.

Tensile Strength:

Method: ASTM D2370
14 day cure @77°F & 50% RH
Result: 173 p.s.i.
1 coat ConFlex Acrylic @ 5.1 mils d.f.t.

Alkali Resistance:

Method: ASTM D1308
Result: Pass

CAUTIONS

For exterior use only.

Protect from freezing.

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

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

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

CRYSTALLINE SILICA: 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.**

HOTW 08/26/2025 CF13W0051 49 47
FRC,SP

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.