

ConFlex® UltraCrete™ Solvent Borne Coating

CF18W0850 Smooth Extra White, CF18W0853 Smooth Deep Base
CF18W0800 Fine Extra White, CF18W0810 Medium Extra White



**SHERWIN
WILLIAMS.**

CHARACTERISTICS

ConFlex® UltraCrete™ Solvent Borne Coating is a waterproof coating designed for use on new construction tilt-up, precast, and poured-in-place concrete to improve the aesthetics of large commercial buildings. It is available as a Smooth finish or in Fine and Medium Textures. It may be applied in a wide temperature range and has a tolerance for marginal surface preparation (e.g., incomplete bond breakers removal, damp concrete, minor dirt and grit on the surface).

Advantages

- Apply directly to fresh concrete less than 28 days and high pH (up to 13)
- Covers many surface defects
- Provides uniform color and texture
- One-coat, ready-mixed application,
- No primer required
- May be applied down to 20°F

Finish: 0-5 units @85°

Color: Many Colors

Coverage: 1 coat system, spray applied
Textured: 50-80 sq. ft. per gallon per coat
Smooth: 100-160 sq. ft. per gallon per coat
Coverage will vary with the substrate and the texture.

Drying Schedule @ 50% RH:

| | @ 20°F | @ 77°F |
|------------------|-------------|-----------|
| To touch | 4-6 hours | 1-2 hours |
| To recoat | 24-48 hours | 16 hours |

Do not apply at air or surface temperatures below 20°F. At 20°F, wait a minimum of 24 hours and check to be sure the surface is tack free. If tack free, apply the second coat. If the film is still soft or if there is still an odor of mineral spirits, wait another 24 hours for the remainder of solvent to evaporate.

Drying time is temperature, humidity, and film thickness dependent. The amount of wind and precipitation will also affect the dry and recoat times of the film, so checking for hardness is mandatory.

Tinting with Blend-A-Color:

| Base | oz. per gallon | Strength |
|-------------|----------------|-----------|
| Extra White | 0-4 | SherColor |
| Deep Base | 3-12 | SherColor |

Extra White CF18W0800

(may vary by product)

V.O.C. (less exempt solvents):

394 grams per litre; 3.29 lbs. per gallon
As per 40 CFR 59.406

Volume Solids: 50 ±2%
Weight Solids: 74 ±2%
Weight per Gallon: 12.62 lbs
Flash Point: 104°F PMCC
Vehicle Type: Styrenated Acrylic
Shelf Life: 36 months, unopened

08/2025

COMPLIANCE

As of 08/21/2025, Complies with:

| | |
|----------------------------|------|
| OTC | Yes |
| OTC Phase II | No |
| S.C.A.Q.M.D. | No |
| CARB | No |
| CARB SCM 2007 | No |
| CARB SCM 2020 | No |
| Canada | Yes |
| LEED® v4 & v4.1 Emissions | N.A. |
| LEED® v4 & v4.1 V.O.C. | No |
| EPD-NSF® Certified | No |
| MIR-Manufacturer Inventory | No |
| MPI® | No |

APPLICATION

Temperature:
Minimum 20°F

Do not apply at air or surface temperatures below 20°F.

No reduction necessary at temperatures above 50°F.

At temperatures between 20° and 50°F, 5% to 10% reduction with 100 Flash Aromatic Naptha ONLY. Reduction may raise VOC and may not be available in some areas. **Do not exceed 10%**

FOR SMOOTH FINISH:

Brush: Use a natural bristle brush
Roller: Use a ½-1-1/2 inch nap synthetic cover

Airless Spray

Unit: Graco TexSpray 5900HD
Pressure: 3000 p.s.i.
Tip: .021" - .031" RAC X
Hose: maximum length 100 feet

FINE AND MEDIUM TEXTURES:

Brush: Small areas only, use a Natural bristle brush

Spray: Unit must be specifically designed for aggregate coatings.

Unit: Graco HTX230
Min. Compressor Size: 8 hp @ 100 p.s.i.

Fine Texture:

Engine Idle Low, Flow Control Low, 4mm Nozzle, 1/8 inch Texture Spray Disk

Medium Texture:

Engine Idle Medium, Flow Control Medium, 6mm Nozzle, 1/4 inch Texture Spray Disk
The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- Prime with Loxon Concrete & Masonry Primer or seal using Loxon Conditioner.
- 2 coat application with overnight drying between coats
- For a 2 coat textured system, the first coat should be Solvent Borne Masonry Coating-Smooth, and then one coat of the Solvent Borne Masonry Coating in the desired texture.
- Appropriate pump selection

RECOMMENDED SYSTEMS

Concrete, CMU, Stucco, Split-face Block:

1 coat Loxon Concrete & Masonry Primer*

Or

1 coat Loxon Conditioner*

1 coat of ConFlex UltraCrete Solvent Borne Smooth

Or

1 coat of ConFlex UltraCrete Solvent Borne Textured

Or

2 coats of ConFlex UltraCrete Solvent Borne Smooth

Or

1 coat of ConFlex UltraCrete Solvent Borne Smooth

1 coat of ConFlex UltraCrete Solvent Borne Textured

Previously Coated:

1 coat of ConFlex UltraCrete Solvent Borne Smooth or Textured

*Other primers may be appropriate. Standard latex primers cannot be used below 50°F. See specific primer label for that product's application conditions.

A minimum total dry film thickness of 10-16 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

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

ConFlex® UltraCrete™

Solvent Borne 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.

Concrete, Stucco:

If needed, pressure clean with a minimum of 2100 psi to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalk, form release agents, moisture curing membranes, etc. Remove all mildew. Allow the surface to dry thoroughly. Scrape and sand existing peeled or checked paint to a sound surface. Sand glossy surfaces dull. Concrete and mortar must be cured at least 7 days at 75°F. 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. Fill bugholes, air pockets, cracks, and other voids with Concrete & Masonry Sealant or Patch.

Expansion Joints:

The sealants used in expansion joints must be cured according to the manufacturer's recommendations before painting.

Consult the manufacturer for specific surface preparation and coating recommendations.

Depending on the size of the expansion joint, with normal movement, some cracking of the UltraCrete Solvent Borne may occur.

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

CF18W0850

**ConFlex UltraCrete Smooth at 10-16 mils dft
(may vary by product)**

- Waterproofing sealer
- Excellent resistance to efflorescence
- Excellent acid and alkali resistance
- Excellent resistance to ultraviolet light
- Excellent resistance to staining

Wind Driven Rain:

Method: ASTM D6904-03
Result: Pass

Water Vapor Permeance:

Method: Based on ASTM D1653
Result: 3.43 perms

To improve the performance:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched using Concrete & Masonry Sealant or Patch.
- Fill voids and openings around window and doors using Concrete & Masonry Sealant or Patch.

CAUTIONS

For exterior use only

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.

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.

ALIPHATIC HYDROCARBONS Contents are **COMBUSTIBLE**. Keep away from heat and open flame. **VAPOR HARMFUL**. 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. 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 for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **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, and tools immediately after use with compliant solvent. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.