



**SHERWIN
WILLIAMS.**



CONFLEX XL

SMOOTH ELASTOMERIC HIGH BUILD COATING A5-400 SERIES

As of 09/18/2008, Complies with:		
OTC	Yes	LEED® Civ2.0 N/A
SCAQMD	Yes	LEED® NCv2.2 N/A
CARB	Yes	LEED® CSv2.0 N/A
MPI Spec #	No	LEED® H N/A
NAHB	N/A	

CHARACTERISTICS

ConFlex XL High Build 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, pre-cast, or poured-in-place concrete, CMU, and stucco.

This may be applied to a surface with a pH of 6 to 12.

Color: Most colors
Two coat system, brush, roller, or spray applied, coverage per coat:

100-125 sq ft/gal
13.0 - 16.0 mils wet; 6.0 - 7.5 mils dry

1 coat system, spray applied, coverage per coat:

50-60 sq ft/gal
27.0 - 32.0 mils wet; 13.0 - 15.0 mils dry
Can be applied up to 40 mils wet.

Coverage will vary with the substrate and the texture.

Drying Time, @ 77°F, 50% RH:

temperature and humidity dependent

Touch: 4 hours

Recoat: 24 hours

Flash Point: N/A

Finish: 0-10 units @ 85°

Tinting with Blend-A-Color:

Base	oz/gal	Strength
Extra White Base	0-5	100%
Deep Base	4-12	100%
Ultradeep	4-12	100%

Vehicle Type: Acrylic

A05W00451

VOC (less exempt solvents):

48 g/L; 0.40 lb/gal

Volume Solids: 47 ± 2%

Weight Solids: 62 ± 2%

Weight per Gallon: 11.4 lb

Mildew Resistant

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

PHYSICAL PROPERTIES

Wind-Driven Rain Test Passes
ASTM D6904-03

1 ct Loxon Primer at 3.2 mils dft

2 cts ConFlex XL at 6.0-7.5 mils dft/ct

Water Vapor Permeance 13.4 perms
Based on ASTM D1653

1 ct ConFlex XL at 9.4 mils dft,

14 day cure @ 77°F & 50% RH

Elongation 350%
ASTM D2370

1 ct ConFlex XL at 9.4 mils dft,

14 day cure @ 77°F & 50% RH

Tensile Strength 350 psi
ASTM D2370

1 ct ConFlex XL at 9.4 mils dft,

14 day cure @ 77°F & 50% RH

Freeze - Thaw Resistance Passes
Based on ASTM D2243

Low Temperature Flexibility Passes
ASTM D522 - Method B @ 10°F

SPECIFICATIONS

A 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.

Concrete, Stucco

1 ct. Loxon Concrete & Masonry Primer

1-2 cts ConFlex XL High Build Coating

Concrete Block, CMU, Split-face Block

1 ct. Loxon Block Surfacer

2 cts 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 chalk to the surface.

The substrate and its condition will determine the application procedure. To minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

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. 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.

Concrete, Stucco

Pressure clean 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. 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 an elastomeric patch or sealant.

Masonry surfaces must be dry, 15% or less of water, and within a pH range of 6 to 12. If the pH is above 12, prime the surface first with Loxon Primer or Loxon Surfacer.

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SURFACE PREPARATION

Sealing and Patching—After cleaning the surface thoroughly, prime any bare surface with Loxon Acrylic 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.

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. The depth of the opening should be 1/2 the width of the joint, with a maximum depth

SURFACE PREPARATION

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. Do not apply more than 1/4" in depth in one application. If the opening is 1/4" or greater, for maximum performance, prevent 3 point adhesion with backer rods or bond breaker tape. Three point adhesion problems occur in cracks when the sealant adheres to the walls and the bottom of a crack, and a significant amount of flexibility is lost. Two point adhesion - wall to wall in a crack - using backer rods or bond breaker tape offers the maximum flexibility and performance.

APPLICATION

Apply at temperatures between 50°F and 100°F. **Do not reduce.**

Brush - Use a nylon/polyester brush. Avoid over-brushing which causes air bubbles.

Roller - Use a 1/2" to 1 1/2" nap synthetic roller cover. Avoid rapid rolling which causes bubbling.

Spray—Airless

Pressure, minimum 2300 psi

Tip, minimum021"

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

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.

CAUTION contains CRYSTALLINE SILICA, ZINC. Use only with adequate ventilation. 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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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.