

ConFlex™ Block Filler

CF01W0050 White


**SHERWIN
WILLIAMS®**

CHARACTERISTICS

ConFlex™ Block Filler is a commercial strength acrylic resin block filler formulated for precast concrete, (CMU) concrete block, and is suitable for both interior and exterior applications. It is designed to smooth and uniform surfaces, helping to reduce pinholes. Effective on above-grade, unpainted masonry surfaces.

Features:

- Commercial strength acrylic block filler
- Great filling properties
- Applies by Brush, Roller or Spray
- Suitable for use in USDA-inspected facilities

Color: White

Coverage:

Wet mils: 16
Dry mils: 8.1
Coverage sq.ft. per gallon 75-100

Approximate spreading rates are calculated on volume solids and do not include any application loss. Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 50% RH, 16 mils wet:
temperature and humidity dependent

@ 77°F
2 hour

Touch:

Recoat:

with itself:

1 hour

with latex:

18 hours

with alkyd:

48 hours

Finish: 0-5 units@85°

White CF01W0050

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:

51 ± 2%

Weight Solids:

71 ± 2%

Weight per Gallon:

14 lb

Flash Point:

NA

Vehicle Type:

Acrylic latex

Shelf Life:

36 months, unopened

COMPLIANCE

As of 05/28/2020, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI®	Yes

APPLICATION

Temperature:

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.

Reducer: No reduction necessary

Airless Spray:

Pressure 2300 p.s.i.
Hose 1/4-3/8 inch I.D.
Tip .019-.031 inch

Brush

Use a nylon/polyester brush.

Roller Cover

Use a 1/2 to 1^{1/2} inch nap synthetic cover.

APPLICATION TIPS

Stir thoroughly with a paddle or Jiffy Mixer before using.

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate may adversely affect the coating systems performance.

ConFlex Block Filler is ready-to-spray (airless) and does not require thinning. Mix material thoroughly to a uniform consistency with power agitation and apply by brush, roller, or spray. If applied by airless spray, follow by squeegee, trowel, or roller, being careful to force material into pores in order to produce a relatively smooth surface. Squeegee or trowel will provide the smoothest finish. Two coats properly applied may be required to provide the most pinhole-free, uniform surface.

RECOMMENDED SYSTEMS

Concrete, Masonry, Cement

1 coat ConFlex Block Filler
2 coats Appropriate topcoat

CMU, Block, Split-face Block:

1-2 coats ConFlex Block Filler
2 coats Appropriate topcoat

Recommended Architectural Topcoats:

A-100 Exterior Latex
ConFlex Topcoat Series
Duration Exterior Series
Emerald Exterior Series
Loxon Topcoat Series
SuperPaint Exterior Series

Duration Home Series

Emerald Interior Series
ProClassic Interior Series
ProMar Interior Series
SuperPaint Interior Series

Recommended Industrial Topcoats:

Pro Industrial Acrylic Series
Pro Industrial DTM Series
Pro Industrial Multi-Surface Acrylic
Pro Industrial Pre-Cat Epoxy
Pro Industrial Urethane Alkyd
Pro Industrial WaterBased Epoxy
Pro Industrial WaterBased Alkyd Urethane

Pro Industrial finishes have been tested for interior use only. **ConFlex Block Filler** has not been tested in environments subject to chemical attack. Any recommendations for use in such areas must follow a thorough evaluation of the effects of the environment on the **ConFlex Block Filler** and topcoat system.

For exterior use, **ConFlex Block Filler** must be topcoated within 14 days to prevent degradation due to weathering.

The systems listed above are representative of the product's use, other systems may be appropriate

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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, Cement, Block:

If needed, 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. Allow the surface to dry thoroughly. Existing peeled or checked paint should be removed to a sound surface. Do not apply to smooth, slick surfaces. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Concrete and mortar must be cured, generally 30 days, at 75°F before painting. Masonry surfaces must be dry before priming. Moisture content must be 15% or lower, and the pH between 6 and 9. If the pH is greater than 9, use Loxon Acrylic Block Surfacer in place of ConFlex Block Filler. 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.

For repairing exterior cracks, bugholes, air pockets, and other voids use an elastomeric patch or seal.

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

Do not paint on wet surfaces.

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Water Vapor Permeance (US) : 67.96 perms

Method: ASTM D1653 grains/(hr ft² in Hg)

CAUTIONS

For interior exterior use only.

Must be topcoated for exterior use.

Protect from freezing.

Do not apply over existing coatings.

Do not apply to damp or wet surfaces.

Do not use below grade as a hydrostatic waterproofer or in immersion service.

Do not apply at temperatures below 50°F.

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.**

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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.