

# Pro Industrial™ Heavy Duty Block Filler

B42W00150 White


**SHERWIN  
WILLIAMS®**

## CHARACTERISTICS

**Pro Industrial Heavy Duty Block Filler** is a commercial strength block filler formulated for precast concrete, concrete block, and cinder block, and is suitable for both interior and exterior applications.

- Excellent Filling Properties
- Good Hiding
- Topcoat with high performance coatings such as epoxies and urethanes
- Applies by Brush, Roller or Spray
- Interior-Exterior
- Suitable for use in USDA inspected facilities

**Color:** White

### Coverage:

Wet mils: 16.0-21.0  
Dry mils: 8.0-10.5  
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**  
Touch: 2 hours  
Recoat: itself 1 hour  
Recoat: with water borne: 18 hours  
Recoat: with solvent borne: 72 hours

Drying time is temperature, humidity, and film thickness dependent.

**Finish:** Flat

### White B42W00150

### 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:** 50 ± 2%

**Weight Solids:** 70 ± 2%

**Weight per Gallon:** 13.99 lb

**Flash Point:** NA

**Vehicle Type:** Acrylic Latex

**Shelf Life:** 36 months, unopened

## COMPLIANCE

As of 06/02/2021, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	Yes
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Manufacturer Inventory</b>	Yes
<b>MPI®</b>	Yes

## APPLICATION

### Temperature:

minimum-maximum 50°-95°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 3/8 inch I.D.  
Tip .019-.028 inch

**Brush** Nylon-polyester

**Roller Cover** Backroll with 3/4 to 1 1/4 inch synthetic cover

Stir thoroughly with a paddle or Jiffy Mixer before using. Apply paint at the recommended film thickness and spreading rate as indicated. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, over thinning, climatic conditions, and excessive film build. Excessive reduction of material can affect film build, appearance, and adhesion.

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

Make sure material is forced into pores and bugholes in order to provide a pinhole free surface.

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

Rolling will provide a textured finish. Squeegee will provide a smoother finish.

For better filling results, apply by airless spray and immediately back roll.

Must be topcoated for exterior use. Do not apply over existing coatings. Do not apply to damp or wet surfaces.

## APPLICATION TIPS

Heavy Duty 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. Follow by squeegee, trowel, or roller, being careful to force material into pores in order to produce a relatively smooth surface. In wet areas, a smooth continuous pinhole-free appearance is necessary for proper protection before topcoating. Two coats will provide the most uniform surface.

## RECOMMENDED SYSTEMS

### Concrete, Masonry, Cement

1 coat Pro Industrial Heavy Duty Block Filler  
2 coats Appropriate topcoat

### CMU, Block, Split-face Block:

1 coat Pro Industrial Heavy Duty Block Filler  
2 coats Appropriate topcoat

### Recommended Architectural Topcoats:

A-100® Exterior Latex  
Loxon® Masonry Coatings  
SuperPaint® Exterior  
Duration® Exterior  
Emerald® Exterior  
Emerald® Interior  
Duration Home®  
ProClassic® Interior  
ProMar® Interior  
SuperPaint® Interior

### Recommended Industrial Topcoats:

Acrolon® 218 Polyurethane  
Hi-Solids Polyurethane  
Pro Industrial™ Series  
Epolon® II Multi-Mil Epoxy  
Industrial Enamels  
Macropoxy® HS Epoxy  
Macropoxy® 646  
Steel Master® 9500 Silicone Alkyd  
Tile-Clad® HS Epoxy  
Water Based Catalyzed Epoxy

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

For exterior use, **Pro Industrial Heavy Duty Block Filler** must be topcoated within 14 days to prevent degradation due to weathering.

# Pro Industrial™

## Heavy Duty Block Filler

### 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.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. 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 Surfer in place of Pro Industrial Heavy Duty Block Filler.

#### **Concrete-Masonry:**

**New:** For surface preparation, refer to SSPC-SP13, NACE 6, or ICRI No. 310.2, CSP 1-3. Surface must be clean, dry, sound, and offer sufficient profile to achieve adequate adhesion. Minimum substrate cure is 28 days at 75°F (24°C). Remove all form release agents, curing compounds, salts, efflorescence, laitance, and other foreign matter by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. Refer to ASTM D4260. Rinse thoroughly to achieve a final pH between 6.0 and 9.0. Allow to dry thoroughly prior to coating.

**Old:** For surface preparation, refer to SSPC-SP13, NACE 6, or ICRI No. 310.2, CSP 1-3. Surface preparation is done in much the same manner as new concrete; however, if the concrete is contaminated with oils, grease, chemicals, etc., they must be removed by cleaning with a strong detergent. Refer to ASTM D4258. Form release agents, hardeners, etc. must be removed by sandblasting, shotblasting, mechanical scarification, or suitable chemical means. Do not apply to smooth, slick surfaces, existing coatings or peeling may result. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

### 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.

**B42W00150**

**Water Vapor Permeance (US) :** 67.96 perms

**Method:** ASTM D1653 grains/(hr ft<sup>2</sup> in Hg)

### CAUTIONS

Protect from freezing.

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.