

BLOCK-FILLER



BLOCK-FILLER is a water-based, low-odor, single-component coating designed to prime porous concrete block while providing a smoother surface for subsequent topcoats.

BLOCK-FILLER is a suitable primer for oil, alkyd or latex top coats.

- May be applied over vertical concrete, concrete block & masonry surfaces
- Excellent filling properties
- Provides a smoother surface for subsequent priming & top coating
- VOC compliant
- Quick drying
- Easy application by brush, roller or spray
- Provides sheen uniformity
- Exterior & interior use
- Available in white but may tinted if a color is required

Concrete Block Filler	May be applied by brush, roller or spray
Packaging	5G pail (36/pallet)
Coverage	Approximate coverage is 100 ft ² per gallon
Application Temperature	Ambient & surface temperature must be 40°F or above and will not fall below that for 48 hours
Mixing	Stir well before using. No thinning necessary.
Dry Time	2 hours at 77°F, 50% RH
Recoat Time	3 hours at 70°F, 50% RH



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BLOCK FILLER is designed to prime porous surfaces of cement, concrete & lightweight masonry blocks. Suitable for use beneath both interior and exterior coatings. May be top coated with oil, alkyd or latex coatings.

USES and ADVANTAGES

- May be applied over concrete, concrete/masonry block and masonry
- Excellent filling properties
- Provides a smoother surface for subsequent priming and top coating
- VOC compliant
- Easy application
- Provides sheen uniformity
- One-component

SURFACE PREPARATION

For optimum performance all new masonry and concrete must age at least 28 days prior to application. Surfaces to be coated must be DRY, sound and clean. Block Filler will not fill large voids or bridge large cracks. All deteriorated mortar joints, voids and cracks must be repointed or patched then allowed to cure. Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, curing compounds, form release agents, paint or any other foreign material which might effect the bond. **SEE WARNING REGARDING PAINT REMOVAL.**

Always perform a spot test (of sufficient size) prior to application in order to ensure compatibility between Block Filler and the substrate as well as to confirm that the appearance and performance are acceptable.

MIXING

Stir Block Filler thoroughly before using and occasionally during application. No thinning is usually required. If necessary, do not exceed 1 pint of water per gallon of Block Filler.

APPLICATION

Apply with a high quality brush or roller cover (polyester/nylon), paint pad or by spray equipment. Apply evenly working Block Filler into voids. If applied by spray, Block Filler must be back rolled or brushed. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. Normally dries to touch in one hour at 77°F and 50% relative humidity. Allow four hours before recoating. Drying times may vary depending on temperature, humidity, color, film build and air movement. Clean all brushes and equipment immediately after use with warm soapy water.

Airless Spray:

Pressure 1900 psi, tip .021" - .031"

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High pressure injection of coatings into skin by airless equipment may cause serious injury.

COVERAGE

Approximate coverage is 100 square feet per gallon when applied over smooth, nonporous surfaces.

LIMITATIONS

- Apply only when air and surface temperatures are between 50°F - 100°F (10°C - 38°C) and at least 5°F(3°C) above the dew point
- For exterior applications, do not apply if rain or any other precipitation is expected within 24 hours
- Avoid applying late in the day (exterior applications) when dew or condensation are likely to form
- Surfaces to be coated must be completely dry
- Do not use where unusual exposure conditions of moisture, heat or humidity exist
- Not recommended for immersion service or use below grade
- Do not apply on block where moisture might penetrate and get behind block filler to cause coating failure

- Do not apply over silicone type based water repellents
- Exterior applications must be top coated
- Keep from freezing
- Before using this product, make sure you obtain, read and fully understand the Safety Data Sheet (SDS)

PRODUCT DATA

Gloss: Flat: 0 to 5 (60 & 85°Gloss Meter)

VOC: 0.10 lbs/gal (14.00 g/L)

DFT: 5.10 min. to 14.70 max. mils

Coverage: 50 to 150 sq. ft./gal. (5 to 14 sq. m/3.78L)

Volume Solids: 46% +/- 2.0%

Weight Solids: 66% +/- 2.0%

Viscosity: 124 to 138 KU

Weight/Gallon: 13.5 lbs. (6.1 kg) +/- 0.2 lbs. (91 g)

Cleanup: Soap and Water

Drying Time:

To Touch: 1 hour

To Handle: 1 hour

To Recoat: 3 hours

To Full Cure: 30 days

Dry Time @77°F (25°C); 50% relative humidity

Flash Point: Over 200°F, (93°C)

WARNING! If you scrape, sand or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**WARNING!
HARMFUL IF SWALLOWED. MAY BE
HARMFUL IF INHALED. MAY CAUSE
RESPIRATORY TRACT AND EYE**

IRRITATION! Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Contains material that can cause target organ damage. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Wash thoroughly after handling. Keep container tightly closed and sealed until ready for use. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required.

FIRST AID: If swallowed, rinse mouth with water (only if person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a doctor/physician.

WARNING: This product contains a chemical known to the State of California to cause cancer. For workplace use, an SDS is available from your retailer or by calling 978-453-8881. READ SAFETY DATA SHEET (MSDS) BEFORE USE. 24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

**USE ONLY WITH ADEQUATE
VENTILATION.
KEEP OUT OF THE REACH OF
CHILDREN.**

For technical assistance call
978-453-8881

www.umaco.com

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.



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