



ACRYLIC BLOCK FILLER

K-Z8465

Acrylic Block Filler is a high-hiding, high-solids, easy-to-use product that primes and fills interior and exterior above-grade, unpainted aggregate block, poured and precast concrete, and rough masonry.

- ✓ Excellent filling characteristics
- ✓ Superior moisture resistance
- ✓ Ideal for resurfacing deteriorated concrete walls and ceilings
- ✓ Fast dry
- ✓ Provides a smooth, uniform finish on concrete block

INDUSTRIAL USE ONLY!
AS OF 01/01/16 COMPLIES WITH:

- | | |
|--|---|
| <input checked="" type="checkbox"/> OTC | <input checked="" type="checkbox"/> CARB |
| <input checked="" type="checkbox"/> EC | <input checked="" type="checkbox"/> LADCO |
| <input checked="" type="checkbox"/> SCAQMD | |

krylonindustrial.com
1-800-247-3266

Revised June 2016

RECOMMENDED USES

For use on unpainted masonry, concrete, cement, and flat-surfaced concrete block.

RECOMMENDED SYSTEM

UNPAINTED AGGREGATE BLOCK, POURED AND PRECAST CONCRETE:

UNTOPCOATED, LIGHT SERVICE:

Interior: 2 coats at Krylon® Industrial Acrylic Block Filler

Exterior: 1 coats Krylon® Industrial Acrylic Block Filler

TOPCOAT:

1 coat Krylon® Industrial Acrylic Block Filler

1-2 coats Pratt & Lambert® Architectural or Krylon® Industrial Maintenance Coating, including latex and alkyd topcoats, water-based epoxies, solventbased epoxies, and polyurethanes

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 clean-up. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) 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 materials to ensure adequate adhesion. **Do not use hydrocarbon solvents for cleaning.**

Concrete & Masonry:

New: Refer to SSPC-SPI3/NACE 6, or ICRI No. 310.2, CSPI-3. Surface must be clean, dry, sound and offer sufficient profile to achieve adequate adhesion. Minimum substrate cure is 28 days at 75°F. 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 6.0-10.0. Allow to dry thoroughly prior to coating.

Old: Refer to SSPC-SPI3/NACE 6, or ICRI No. 310.2, CSP 1-3. Surface preparation is mostly the same as for 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. Fill all cracks and bug holes.

Follow The Standard Methods Listed Below When Applicable:

ASTM D4258 Standard Practice for Cleaning Concrete

ASTM D4259 Standard Practice for Abrading Concrete

ASTM D4260 Standard Practice for Etching Concrete

ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission

Rate of Concrete

SSPC-SPI3/NACE 6 Surface Preparation of Concrete

ICRI No. 310.2

Acrylic Block Filler is ready-to-spray 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 severe wet areas, a smooth, continuous, pinhole-free appearance is necessary for proper protection before topcoating. Two coats will provide the most uniform surface. Rolling will provide a textured finish. Squeegee will provide a smoother finish. For better filling results, apply by airless spray and immediately back roll.

PERFORMANCE TIPS

- When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.
- 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, overthinning, climatic, conditions, & excessive film build.
- Excessive reduction of material can affect film build, appearance, and adhesion.
- Make sure material is forced into pores and bug holes in order to provide a pinhole free surface.
- Do not use below grade as a hydrostatic waterproofer or in immersion service.

CLEAN UP

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.

TECHNICAL DATA

Vehicle	Acrylic																																
Finish	Flat																																
Color	White																																
Flash Point	> 200°F, PMCC																																
Volume Solids	53 ± 2%																																
Weight Solids	73 ± 2%																																
Weight/Gallon	14.3 lbs/gal																																
VOC (less exempt solvents)	< 50 g/L (0.42 lb/gal) as per 40 CFR 59.406																																
Spread Rate	50-88 ft ² /gal, porosity and texture dependent																																
Rec. film thickness	Wet mils: 18-34 Dry mils: 10-18 Coverage varies with application, surface irregularities, and degree of desired filling/sealing.																																
Shelf Life	36 months, unopened																																
Drying Time	@ 18 mils wet, 50% RH Note: Drying times are temperature, humidity and film thickness dependant.																																
	<table><thead><tr><th></th><th>@ 50°F</th><th>@ 77°</th><th>@ 120°F</th></tr></thead><tbody><tr><td>To Touch:</td><td>1 hour</td><td>30 mins</td><td>5 mins</td></tr><tr><td>To Handle:</td><td>8 hours</td><td>5 hours</td><td>15 mins</td></tr><tr><td>To Recoat:</td><td>8 hours</td><td>5 hours</td><td>15 mins</td></tr><tr><td> itself</td><td>3 hours</td><td>1 hour</td><td>30 mins</td></tr><tr><td> waterborne</td><td>48 hours</td><td>18 hours</td><td>6 hours</td></tr><tr><td> solvent borne</td><td>48 hours</td><td>48 hours</td><td>24 hours</td></tr><tr><td>To Cure:</td><td>30 days</td><td>30 days</td><td>10 days</td></tr></tbody></table>		@ 50°F	@ 77°	@ 120°F	To Touch:	1 hour	30 mins	5 mins	To Handle:	8 hours	5 hours	15 mins	To Recoat:	8 hours	5 hours	15 mins	itself	3 hours	1 hour	30 mins	waterborne	48 hours	18 hours	6 hours	solvent borne	48 hours	48 hours	24 hours	To Cure:	30 days	30 days	10 days
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Reduction	Water Note: Rolling will provide a textured finish. Squeegee will provide a smoother finish. For better filling results, apply by airless spray and immediately back roll.																																
Tinting	Do not tint																																
Clean-Up	Soap & Water																																
Sizes	5 gallon																																

APPLICATION

Temperature	(air, surface and material) 55°F min, 95°F max, at least 5°F above dew point
Relative humidity	85% maximum Note: Do not apply over existing coatings. Reduction not recommended for airless spray, brush or roller application.

TECHNICAL DATA CONTINUED

Airless Spray

Pressure	2000 psi
Hose	1/4" 3/8" ID
Tip	.028"
Filter	30 mesh

Conventional Spray

Gun	Binks 95 (or similar)
Fluid Nozzle	67
Air Nozzle	67 PD
Atomization Pressure	50 psi
Fluid Pressure	20-25 psi
Reduction	As needed up to 12.5% by volume
Brush	Nylon/polyester
Brush	Nylon/polyester
Reduction	Not recommended
Roller	1/2"-11/2" synthetic

PHYSICAL TEST DATA

Provides performance comparable to products meeting federal specification TT-F-1098D Type 1

System Tested

Substrate	Concrete
Surface Preparation	SSPC-SP3
Finish	1 coat Acrylic Block Filler@ 10 mils DFT/CT

Adhesion

ASTM D4541	200 psi
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Direct Impact Resistance

ASTM D2794	6 in-lb
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Dry Heat Resistance

ASTM D2485	200° F
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Flexibility

Method	ASTMD522, 180° bend, 1" mandrel
Result	Passes

Humidity Resistance

TT-C-5558	No failure
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Pencil Hardness

ASTM D3363	5B
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Thermal Shock

ASTMD 2246, 5cycles	Excellent
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Wind Driven Rain Resistance

T-C-555B	Passes
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Wet Heat Resistance

Non-Immersion	120° F
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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 Krylon Industrial. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Krylon Industrial dealer or representative to obtain the most recent Product Data Sheet.