HPC/Industrial Maintenance **Cementitious Waterproofing Block Filler**

Generic Type

Epoxy Ester

General Description

Cementitious Masonry Waterproofing Block Filler can be used to fill, seal, and waterproof interior and exterior unpainted concrete, concrete block, brick and other masonry surfaces. This product can be topcoated with a wide variety of architectural and industrial maintenance paints and coatings, except alkyds and oils.

Recommended Uses

Brick
Concrete
Concrete Block (CMU)
Masonry

Features / Benefits

Enhanced block filling characteristics
Epoxy ester formula
Waterproofs and seals
Formulated with Portland cement for enhanced effectiveness.

Limitations of Use

Do not apply when air or surface temperatures are below 40°F (4.4°C) or above 100° F (38° C) or when relative humidity is in excess of 85%. Temperatures below 70° F (21° C) will retard curing of the product while temperatures above 100° F (38° C) will affect the application properties. Do not apply to surfaces with moisture content above 12%. Do not use on floors. Do not use under alkyd or oil paints. While this product may also be used over previously painted masonry surfaces, waterproofing effectiveness depends on the adhesion of the previous coat. Drying times listed may vary depending on temperature, humidity, color and air movement. For Professional Use Only; Not Intended for Household Use.

Tinting and Base Information

Do not tint with M colorant. Tinting limits the product's application time. Use tinted product within one week.

95-217	White

Product Data

Gloss: Flat
VOC*: 2.81 lbs/gal 337.00 g/L
Coverage: 60 to 80 sq ft/gal (6 to 7 sq. m/3.78L)
Note: Does not include loss due to varying application method, surface porosity, or mixing.
DFT: 11.0 minimum to 14.6 maximum
Weight/Gallon*: 14.6 lbs. (6.6 kg) +/- 0.2 lbs. (91 g)
Volume Solids*: 55% +/- 2%
Weight Solids*: 79.8% +/- 2%
Clean-up: 97-727, 97-734 PPG Thinners

Results will vary by color, thinning and other additives.
*Product data calculated on 95-217

Drying Time:

To Touch:	3 hours
To Handle:	24 hours
To Recoat:	24 hours

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

In Service Temperature:
Dry Heat (F): 225° Dry Heat (C): 107°

Flash Point: 122°F, (50°C)

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General Surface Preparation

For optimum performance, all masonry construction must age at least 28 days prior to application. Paint only clean, dry, sound surfaces. Remove dirt, oils, grease, wax, release agents, grinding dust, efflorescence, etc. per ASTM Standard Practice D4261: Standard Practice for Surface Cleaning Concrete Unit Masonry for Coating. Acceptable cleaning methods are vacuum cleaning, water cleaning, detergent water wash, steam cleaning, hand tool, and mechanical cleaning. Dry substrate thoroughly to a moisture content under 12% before coating (see ASTM Test Method D4263: Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method). Previously painted surfaces may require Sweep Blast Cleaning. Chisel out cracks and patch with a suitable concrete patching compound. Also fill voids with concrete patch. NOTE: Pressure leaks in basements and retaining walls should be patched with an appropriate patching product after preparation per the manufacturer's directions. For optimum application properties, bring material to 70-90° F (21-32° C) temperature range prior to mixing or application. Use for service below 225° F (107° C). When waterproofing porous substrates, it is recommended that two coats be applied to reduce or eliminate the possibility of pinholes that could allow water penetration. The material must be carefully worked into all pinholes and voids in the substrate. 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. 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. 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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

Recommended Primers

none

Refer to Surface Preparation Recommendations.

Directions for Use

Power mix thoroughly before application. Strain material through a 60 mesh screen before application. Spray application requires back-brushing or back-rolling to work material into the pores. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Permissible temperatures during application:

Material:	70 to 90°F	21 to 32°C
Ambient:	40 to 100°F	4.4 to 38°C
Substrate:	40 to 100°F	4.4 to 38°C

Application Information

Recommended Spread Rates:

Wet Mils :	20.0	minimum to	27.4	maximum
Wet Microns:	508.0	minimum to	696.0	maximum
Dry Mils :	11.0	minimum to	14.6	maximum
Dry Microns:	279.4	minimum to	381.0	maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Conventional Spray: Binks Model 18D gun; 59C fluid nozzle and 260 air nozzle; 3/4" ID material hose; 4:1 ratio abrasive material pump.

Airless Spray: Min.28:1 pump;1800-2400 psi;0.021"-0.027" tip.

Brush: Stiff Bristle Brush

Roller: 1/2" - 3/4" nap roller cover

Thinning:

Before thinning, consult local authorities to ensure compliance with state or local VOC regulations.

Packaging: 5-Gallon (18.9L)

Not all products are available in all sizes. All containers are not full-filled.

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