Benjamin Moore

COROTECH HIGH PERFORMANCE

ACRYLIC BLOCK FILLER V114

Features

- Excellent for all high-performance coatings
- Fills and seals masonry block and concrete
- High Solids
- High moisture resistance

General Description

Acrylic Block Filler is a water reducible, heavy-duty, acrylic block filler formulated for interior or exterior use in conjunction with high performance coating systems. It may be top-coated with conventional Latex or Alkyd finishes as well as with Epoxy, Aliphatic Urethane, Chlorinated Rubber and Quick Dry Enamels.

Recommended For

Concrete Block, Cinder Block, Tilt up, Precast Concrete. Corotech® Acrylic Block Filler can be used on all types of vertical masonry surfaces in atmospheric to moderately severe environments. It is recommended in Manufacturing Plants, Schools, Hospitals, Restaurants, etc**.**

Limitations

- Do not apply if material, substrate or ambient temperature is below 50°F (10°C).
- Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.
- Not for immersion service or use on car washes.

Product Information

Colors — Standard:

White (01)

— Tint Bases:

Can be tinted with Universal colorants using up to 2 oz. per gallon. However, this product is not a controlled tinting base and will not tint to color when using color system formulas.

— Special Colors:

Contact your retailer.

Certifications & Qualifications:

VOC compliant in all regulated areas

The products supported by this data sheet contain a maximum of 50 grams per liter VOC / VOS (0.42 lbs. /gal.) excluding water & exempt solvents.

Suitable for use in USDA inspected facilities

Technical Assistance:

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

Technical Data◊		White
Vehicle Type		Acrylic
Pigment Type		Titanium Dioxide
Volume Solids		50.0 ± 1.0%
Coverage per Gallon at Recommended Film Thickness		50 – 100 Sq. Ft.
Recommended Film Thickness	– Wet	16 - 32 mils
	– Dry	8 - 16 mils
Depending on surface texture and porosity.		
Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free	4 Hours
	– To Recoat	12 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By		Evaporation
Viscosity		115 – 120 KU
SAG Rating:		Passes 26 mils wet (Leneta)
Flash Point		200°F or greater (TT-P-141, Method 4293)
Gloss/Sheen		0 – 5 units @ 60°
Surface Temperature at Application	– Min.	50 °F
	– Max.	90 °F
Thin With		Clean Water
Clean Up Thinner		Warm, Soapy Water
Weight Per Gallon		13.6 lbs.
Storage Temperature	– Min.	40 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

43 Grams/Liter 0.36 Lbs./Gallon

◊ Reported values are for White. Contact retailer for values of other bases or colors

Surface Preparation

The surface to be painted must be clean and free of dust, grease, oil, rust stains, loose mortar, laitance, form release agents, mildew, previous failing coatings and other contamination. Mildew should be removed by washing with a solution of 1 part household bleach* and 3 parts water. Scrub thoroughly, rinse and allow it to dry. Laitance, dust, loose mortar, previous failing coatings and other surface contamination should be removed by high pressure abrasive blasting. Grease and oil residues should be removed by cleaning with Corotech® V600 Oil and Grease Emulsifier. Cracks, bug holes and other voids should be filled using an appropriate Cement Patching Compound.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator 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 National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead .

Application

Stir product until it is of uniform consistency. Acrylic Block Filler can be applied at package viscosity and does not normally require thinning. The material can be applied by brush, roller or spray. Best results can be achieved by applying with an airless sprayer followed by a squeegee float or back rolling. This will force the material into pores and small voids and will result in a smooth, uniformly filled surface that will readily accept almost any finish coat. In areas where heavy moisture will be present, extra care must be taken to ensure that all pinholes are filled before applying the topcoat. In the case of extremely porous or irregular masonry, a second coat may be needed. If necessary to thin to ease brushing or spraying, use clean water. Do not over thin, as this will reduce the filling properties of this material.

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. Do not apply if material, substrate or ambient temperature is below 50°F (10°C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

<table>
<tr><th colspan="2">TEST DATA</th><th colspan="2">CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)</th></tr>
<tr><td></td><td></td><td>Fresh Water</td><td rowspan="8">See Finish Coat Data Sheets for Resistance Information.</td></tr>
<tr><td>Flexibility (ASTM D1737)</td><td>Pass 1/4" Mandrel</td><td>Salt Water</td></tr>
<tr><td>Dry Heat Resistance</td><td>200 °F</td><td>Acids</td></tr>
<tr><td>Wet Heat Resistance</td><td>150 °F</td><td>Alkalis</td></tr>
<tr><td>Adhesion (ASTM D3359)</td><td>Pass 5B</td><td>Solvents</td></tr>
<tr><td rowspan="2"></td><td rowspan="2"></td><td>Fuel</td></tr>
<tr><td>Acidic Salt Solutions</td></tr>
<tr><td rowspan="2"></td><td rowspan="2"></td><td>Alkaline Salt Solutions</td></tr>
<tr><td>Neutral Salt Solutions</td></tr>
<tr><td colspan="4">SYSTEMS RECOMMENDATIONS</td></tr>
<tr><td colspan="4">COMPATIBLE FINISHES</td></tr>
<tr><td colspan="4">V200 Line, V201 Line, V230 Line, V231 Line, V220 Line, V300 Line, V330 Line, V400 Line, V410, V440 Line, V500 Line, V510 Line, V520 Line, V540 Line and Other Acrylics, Vinyl Acrylics & Alkyds</td></tr>
<tr><td colspan="4">For substrates other than listed above, or for usage in severe environmental conditions, please consult with Corotech® Technical Service.</td></tr>
</table>

Clean Up

Clean up with warm, soapy water followed by a clean water rinse.

Environmental Health & Safety Information

Danger

May cause cancer

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response: If exposed or concerned get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

WARNING Cancer and Reproductive Harm– www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

KEEP OUT OF REACH OF CHILDREN
KEEP FROM FREEZING
FOR PROFESSIONAL USE ONLY

Refer to Safety Data Sheet for additional health and safety information.

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