

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Heavy Duty Waterborne Acrylic Block Filler
<b>Description</b>	Specialized high solids filler used for sealing/filling masonry surfaces subject to both aggressive and mild environments. Unique formulation allows for topcoating with conventional or high-performance finishes. May be used as a block filler where LEED-compliant flat or non-flat primers or finishes are required.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Heavy duty acrylic block filler</li> <li>• High solids with excellent filling properties</li> <li>• Dry heat resistance to 200 °F</li> <li>• Wet heat resistance to 120 °F</li> <li>• Block filler for acrylics, epoxies, and polyesters</li> <li>• Single component</li> <li>• Low odor; SCAQMD compliant (&lt;100 g/l VOC)</li> <li>• Suitable for use in USDA inspected facilities</li> <li>• Applicable for LEED projects as a block filler (not considered a thin-film paint)</li> </ul>
<b>Color</b>	White (S800)
<b>Dry Film Thickness</b>	6 - 12 mils (152 - 305 microns) per coat Second coat may be required on rough or extremely porous substrates to attain pinhole-free surface prior to topcoating.
<b>Solids Content</b>	By Volume 54% +/- 2%
<b>Theoretical Coverage Rate</b>	866 ft <sup>2</sup> /gal at 1.0 mils (21.3 m <sup>2</sup> /l at 25 microns) 144 ft <sup>2</sup> /gal at 6.0 mils (3.5 m <sup>2</sup> /l at 150 microns) 72 ft <sup>2</sup> /gal at 12.0 mils (1.8 m <sup>2</sup> /l at 300 microns) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 0.5 lbs/gal (60 g/l) These are nominal values. EPA Method 24: 0.8 lbs/gal (96 g/l)
<b>Dry Temp. Resistance</b>	Continuous: 170°F (77°C) Non-Continuous: 200°F (93°C) Slight discoloration is observed above 170°F (76°C).
<b>Limitations</b>	<ul style="list-style-type: none"> <li>• Do not apply to surfaces that will exceed 160 °F (71 °C) in service.</li> <li>• Do not use on floors or in immersion service.</li> <li>• Do not apply to damp or wet surfaces.</li> </ul>
<b>Topcoats</b>	Topcoat with flat or non-flat primers or finishes such as acrylics, epoxies, polyesters depending on service

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surfaces <u>must</u> be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
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<b>Concrete or CMU</b>	Concrete shall be designed, placed, cured, and prepared per NACE No. 6/SSPC-SP 13, latest edition. Abrade to remove all laitance, loose concrete, etc. and to create surface profile in accordance with the appropriate ICRI CSP standard for the coating system. CMU surfaces and mortar joints shall be clean, dry, and sound to be free of dirt, dust, oil, grease, water soluble contaminants, loose particles, rough edges and nibs, mortar spatter, efflorescence, and similar dry, firmly-adhering foreign material in accordance with the procedures described in ASTM D4261 prior to block filler application.
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## MIXING & THINNING

<b>Mixing</b>	Power mix until uniform in consistency. Avoid excessive air entrapment.
<b>Thinning</b>	Normally not required. May be thinned up to 6 oz/gal with clean potable water for spray application. Material is ready to apply as supplied. Use of thinners other than those supplied or recommended by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

## APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

<b>Spray Application (General)</b>	The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco. <b>Backrolling is required immediately behind or following all spray applications to ensure adequate filling of surface irregularities.</b>
<b>Conventional Spray</b>	<ul style="list-style-type: none"> <li>• Bottom outlet pressure pot with dual regulators</li> <li>• Material Hose: 3/4" I.D. (min.) x 25-35' long</li> <li>• Atomization Air Hose: 3/8" or 1/2" I.D. (min.) x 25-35' long</li> <li>• HD Mastic Spray Gun: Graco 204000 or Binks 7E2</li> <li>• Fluid Tip: 0.125"-0.187" I.D.</li> <li>• Air Cap: 0.125"-0.250" Round</li> </ul>
<b>Low Pressure Pneumatic</b>	<ul style="list-style-type: none"> <li>• President 10:1 Ratio Powerflo System with Evenflo Control (Graco 225841 or equal)</li> <li>• Material Hose: 3/4" I.D. (min.) x 50' long</li> <li>• Atomization Air Hose: 1/2" I.D. (min.) x 50' long</li> <li>• HD Mastic Spray Gun: Graco 204000 or Binks 7E2</li> <li>• Fluid Tip: 0.125"-0.187" I.D., Air Cap: 0.125"-0.250" Round</li> </ul> <p>PTFE packings are recommended and are available from the manufacturer.</p>
<b>Roller</b>	Use 9", 12", or 18" long roller covers with a solvent resistant core. The roller nap will depend on the texture of the substrate to be coated. Apply with full strokes and avoid re-rolling.

## APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	50°F (10°C)	50°F (10°C)	50°F (10°C)	0%
Maximum	95°F (35°C)	95°F (35°C)	95°F (35°C)	85%

Do not apply when the surface temperature is less than 5°F (3°C) above the dew point. Do not apply if temperatures are expected to drop below 45°F (10°C) within 24 hours of application. Water base products are sensitive to moisture during cure. Do not apply to frozen block or any masonry surface that has not completely thawed and avoid application in direct sunlight if possible. Special application techniques may be required above or below normal application conditions.

## CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Recoat/Topcoat with Water Base	Dry to Topcoat with Solvent Base
75°F (24°C)	30 Minutes	18 Hours	48 Hours

These times are based on a 12.0 mil (300 micron) dry film thickness. Higher film thicknesses, insufficient ventilation, high humidity or cooler temperatures will require longer cure times.

\*Sanitile 100 may be recoated with itself in 60 min. at 75 °F.

## CLEANUP & SAFETY

<b>Cleanup</b>	Use potable water, followed with a solvent flush to dry equipment. In case of spillage, absorb and dispose of in accordance with local applicable regulations.
<b>Safety</b>	Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation. Keep container closed when not in use.

## PACKAGING, HANDLING & STORAGE

<b>Shelf Life</b>	24 months at 75 °F (24 °C) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
<b>Storage Temperature &amp; Humidity</b>	40-110 °F (4°-43 °C) 0-90% Relative Humidity
<b>Storage</b>	Store Indoors. <b>KEEP FROM FREEZING.</b>
<b>Shipping Weight (Approximate)</b>	<u>1 Gallon</u> - 16 lbs (7 kg) <u>5 Gallon</u> - 76 lbs (35 kg)
<b>Flash Point (Setaflash)</b>	>200 °F (93 °C)

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## **WARRANTY**

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