WS Block Filler
Water-based block filler

Product Bulletin

DESCRIPTION
A one-component, water-based block filler based on Silica Fortified Rubber™ chemistry. WS BLOCK FILLER is specifically designed for use with BASF air/water-resistive barrier products.

PRODUCT HIGHLIGHTS
- Low shrinkage; fills voids and pores
- Water-based; nonflammable, low toxicity

USES
WS BLOCK FILLER is designed to prepare rough, porous concrete / masonry substrates for subsequent application of BASF fluid applied air/water-resistive barrier products.

WS BLOCK FILLER is also designed to promote adhesion of BASF WS FLASH self-adhesive membrane to rough CMU surfaces. It can be used to create tight, seamless expansion joints and to facilitate adhesion of through wall flashing systems.

SURFACE PREPARATION
Substrate shall be dry, clean, sound and free of release agents, paint or other residue or coatings. Verify substrate is flat, masonry joints are struck flush or struck clean, and the substrate is continuous and unbroken. Any missing or damaged mortar or block shall be repaired or replaced to provide a flat surface prior to application of WS BLOCK FILLER.

Allow mortared structures to cure for a minimum of 10 days prior to application of WS BLOCK FILLER. Point or seal any cracks or voids over 1/16” (2 mm). Unsatisfactory conditions shall be reported to the general contractor and corrected before application of WS BLOCK FILLER.

APPLICATION
The upper portion of all wall assemblies shall be protected from precipitation and other forms of moisture ingress before application of WS BLOCK FILLER.

Do not apply WS BLOCK FILLER to substrates that are below 40ºF (4ºC), or if ambient air temperature is expected to drop below 40ºF (4ºC) with 12 hours after WS BLOCK FILLER has cured, unless BASF LT ADDITIVE is used.

To apply WS BLOCK FILLER at minimum 25ºF (-4ºC) and rising (air and substrate temperatures), thoroughly mix one-half of one quart of BASF LT ADDITIVE with one full pail of WS BLOCK FILLER.

Spray Application
Apply using high volume / low pressure equipment capable of handling abrasive material. Equipment used to spray SENERSHIELD-R/-RS/-VB can spray WS BLOCK FILLER. See the Spray Application of SENERSHIELD-R/-RS/-VB technical bulletin for more information.

Roller Application
A 3/4” (19mm) nap roller is recommended to apply WS BLOCK FILLER. Prewet new roller pads and spin out excess water. This should be done once only to ensure that new roller pads fully saturate with WS BLOCK FILLER.

Keep the roller fully loaded with material. Work WS BLOCK FILLER uniformly onto the wall, maintaining a wet edge.

DRYING TIME
SENERSHIELD-R/-RS/-VB air/water-resistive barrier products can be applied once WS BLOCK FILLER has cured to a hardened, moderately tacky state. This typically occurs within 4 hours when applied to dry CMU at 70ºF (21ºC) at 50% relative humidity. Temperature, humidity, wind, and substrate moistness can all affect curing time.

LIMITATIONS
- Protect BASF materials during transportation and installation to avoid physical damage.
- Store BASF materials in a cool, dry place protected from freezing. Store at no less than 40ºF (4ºC). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
• Do not apply BASF materials in ambient temperature below 40ºF (4ºC) unless using BASF LT ADDITIVE. Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 40ºF (4ºC) prevail.
• Do not apply BASF materials to frozen surfaces.
• Ensure that walls are capped to protect from moisture intrusion due to precipitation or heavy dewfall.

TECHNICAL SUPPORT
Consult BASF Wall Systems Technical Support at wallsystemstechsupport@basf.com for specific recommendations concerning all other applications.

HEALTH, SAFETY AND ENVIRONMENTAL
Read, understand and follow all Safety Data Sheets (SDS) and product label information for this product prior to use. The SDS can be obtained by visiting the Wall Systems website at www.wallsystems.basf.com. Use only as directed.

VOC Content
<50 g/L less water and exempt solvents.

For medical emergencies only call chemtrec at (800) 424-9300

WARRANTY
BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF. In the absence of an extended warranty issued by BASF, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

### Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity @ 25ºC, PU</td>
<td>85</td>
</tr>
<tr>
<td>Percent Solids</td>
<td>75</td>
</tr>
<tr>
<td>Weight per Gallon, lbs</td>
<td>13</td>
</tr>
<tr>
<td>Water Vapor Transmission</td>
<td>22 perms</td>
</tr>
<tr>
<td>ASTM E86 Method B @30 mils*</td>
<td></td>
</tr>
<tr>
<td>Flame Spread/Smoke Developed</td>
<td>Class A</td>
</tr>
<tr>
<td>ASTM E84 @ 40 mils*</td>
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<tr>
<td>Hydrolytic Stability</td>
<td>No deleterious effects after 1 day cure</td>
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</tbody>
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* Note: Wet Film Thickness

For the most current version of this literature, please visit our website at www.wallsystems.basf.com.