Mortar Admixture & Grout Additive

Minimizes Cracking & Reduces Staining

Use Instead of Water to Improve Water Resistance & Durability

Description
Bostik® 425 Multi-Purpose Acrylic Latex Admixture is a high solids acrylic emulsion designed to improve the performance of Bostik Ceramic Tile Grout, Bostik Dry Tile Grout, Bostik Tile-Mate™ Thin Set Mortars, Bostik Single Flex FS™ (Fast Set) Mortar and jobsite prepared mortar beds.

Product Uses
• Controls hydration rate (curing) of cement mortars and grouts
• Use with thin set mortars to provide adhesion to non-masonry substrates such as plywood, waterproofing and crack isolation membranes and porcelain tile
• Use with cement based tile grouts. Helps to ensure consistent cure results and better color development
• Improve water resistance of grouts, thin sets and mud beds
• Improve flexural and compressive strengths
• Helps prevent cracking grout in wood framed structures
• Use 425 Multi-Purpose Acrylic Latex Admixture to prepare bond coats
• Use in jobsite prepared mortar “mud” beds

When Used With Grouts
Bostik Ceramic Tile Grout and Dry Tile Grout exceed the requirements of ANSI A118.6 (Specification for standard cement grouts for tile installation) and ANSI A118.7 (Specification for polymer-modified cement grouts for tile installation) when mixed with undiluted Bostik 425 Multi-Purpose Acrylic Latex Admixture.

As a Thin Set Admixture
Bostik® Tile-Mate Mortars exceed the requirements of ANSI A118.4 (Specification for latex-Portland cement mortar) and ANSI A118.11 (Specification for exterior grade plywood, latex-Portland cement mortar) when mixed with undiluted Bostik 425 Multi-Purpose Acrylic Latex Admixture. Addition of Bostik 425 Multi-Purpose Acrylic Latex Admixture provides the necessary adhesion to plywood sub-floors, porcelain tiles, gypsum board, cementitious backer boards, waterproofing and crack isolation membranes.
The addition of Bostik 425 Multi-Purpose Acrylic Latex Admixture provides frost resistance required for exterior installations, which are subject to freeze thaw conditions.

Bostik 425 Multi-Purpose Acrylic Latex Admixture may also be added to Bostik Single Flex FS for difficult substrates or to improve flexibility for installations up to L/240.

**For Mortar Beds And Bond Coats**

**Bond Coat (also called skim coat, pure coat, neat cement coat):** Mix 425 Multi-Purpose Acrylic Latex Admixture with white or gray Portland cement to a creamy consistency.

**Mortar Beds:** Mix 5-6 quarts per cubic foot (100 lbs.) of mortar to improve durability and moisture resistance. Follow ANSI A108 recommendations for the jobsite preparation of mortar beds. Substitute 100% or 50% Bostik 425 Multi-Purpose Acrylic Latex Admixture for water to increase moisture resistance and overall durability.

**Applicable Standards**

Bostik® Ceramic Tile Grout and Bostik® Dry Tile Grout exceed the requirements of ANSI A118.6 (Specification for standard cement grouts for tile installation) & ANSI A118.7 (Specification for polymer-modified cement grouts for tile installation) when mixed with undiluted 425 Multi-Purpose Acrylic Latex Admixture.

Bostik® Tile-Mate exceeds the requirements of ANSI A118.4 (Specification for latex-Portland cement mortar) and ANSI A118.11 (Specification for exterior grade plywood, latex-portland cement mortar) when mixed with undiluted Bostik 425 Multi-Purpose Acrylic Latex Admixture.

**Limitations**

- Do not freeze.
- Do not mix Bostik 425 Multi-Purpose Latex Admixture with Bostik latex-modified mortars (i.e. Bostik® ReFlex™, Single-Flex™, Big Tile & Stone™, and Bostik® PM™).

**Packaging**

- 5 gallon pail, 27/pallet
- 2 gallon pail, 48/pallet
- 4 x 1 gallon/case, 27/pallet
- 12 x 1 quart/case, 32/pallet

For the name of a distributor nearest you, contact a Bostik Customer Service Representative at 1-800-726-7845.

**Storage/Shelf Life**

Store in a clean, dry area at temperatures between 34°F and 100°F. Shelf life is one year from date of manufacturing.

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**Typical Physical Properties With Ceramic Tile Grout**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive strength, 7 day</td>
<td>4,000 psi</td>
</tr>
<tr>
<td>Initial Set at 70°F</td>
<td>1 hour</td>
</tr>
<tr>
<td>Water absorption:</td>
<td></td>
</tr>
<tr>
<td>50% relative humidity</td>
<td>3%</td>
</tr>
<tr>
<td>Immersion to dry</td>
<td>4%</td>
</tr>
</tbody>
</table>

**Typical Physical Properties With Tile-Mate Thin Sets**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceramic Mosaic Tile</td>
<td>400 psi (ANSI REQ 200)</td>
</tr>
<tr>
<td>Glazed Wall Tile</td>
<td>400 psi (ANSI REQ 300)</td>
</tr>
<tr>
<td>Quarry to Wood*</td>
<td>400 psi (ANSI REQ 100)</td>
</tr>
<tr>
<td>Open Time at 70°F</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Adjustability at 70°F</td>
<td>1.5 hours</td>
</tr>
</tbody>
</table>

*Minimum shear values due to failure of wood substrate.

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**WARNING:** CAUTION: May cause skin, eye and respiratory tract irritation.  
**PRECAUTIONS:** Avoid contact with skin and eyes. Wear protective clothing during handling. Wash thoroughly after handling and before eating.  
**FIRST AID:** In case of contact, wash skin with soap and water. Flush eyes with clear water for 10 minutes and CALL A PHYSICIAN.

SEE MATERIAL SAFETY DATA SHEET.  
KEEP OUT OF REACH OF CHILDREN.

**Limited Warranty**

The Limited Warranty for this product can be found at www.Bostik-US.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER’S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer’s obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

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