HYDROMENT® 425 MULTI-PURPOSE ACRYLIC LATEX ADMIXTURE™

PRODUCT DESCRIPTION
Hydroment® 425 Multi-Purpose Acrylic Latex Admixture™ is a high solids acrylic emulsion designed to improve the performance of Hydroment Ceramic Tile Grout, Dry Tile Grout, Tile-Mate™ Thin Set Mortars, Single Flex F.S.™ (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
Hydroment Ceramic Tile Grouts exceed the requirements of ANSI A118.6, H4 and A118.7 for latex-modified and polymer grouts when mixed with 425 Multi-Purpose Acrylic Latex Admixture.

AS A THIN SET ADMIXTURE
Mix Hydroment 425 Multi-Purpose Acrylic Latex Admixture with Tile-Mate mortars to create latex-modified thin sets. Addition of 425 Multi-Purpose Acrylic Latex Admixture provides the necessary adhesion to plywood subfloors, porcelain tiles, gypsum board, cementitious backer boards, waterproofing and crack isolation membranes. The addition of 425 Multi-Purpose Acrylic Latex Admixture provides frost resistance required for exterior installations which are subject to freeze thaw conditions.

TYPICAL PHYSICAL PROPERTIES WITH CERAMIC TILE GROUT

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive strength, 7 Days</td>
<td>4,000 psi</td>
</tr>
<tr>
<td>Initial Set (at 70°F)</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Water absorption-50% relative humidity to dry</td>
<td>5%</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>Shear Strength, 7 Days</td>
<td>400 psi (ANSI REQ 200)</td>
</tr>
<tr>
<td>Ceramized Mosaic Tile</td>
<td>400 psi (ANSI REQ 300)</td>
</tr>
<tr>
<td>Glazed Wall Tile</td>
<td>400 psi (ANSI REQ 300)</td>
</tr>
<tr>
<td>Quarry to Wood*</td>
<td>350 psi (ANSI REQ 100)</td>
</tr>
<tr>
<td>Quench to Wood*</td>
<td>1.5 Hours</td>
</tr>
</tbody>
</table>

*Min. shear values due to failure of wood substrate.

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 A118.6 recommendations for the jobsite preparation of mortar beds. Substitute 100% or 50% 425 Multi-Purpose Acrylic Latex Admixture for water to increase moisture resistance and overall durability.

PACKAGING

- 55 gallon drums: 3/pallet
- 5 gallon pail: 27/pallet
- 2 gallon pail: 48/pallet
- 4 x 1 gallon/ case: 27/pallet
- 12 x 1 quart/case: 32/pallet

APPLICABLE STANDARDS
Hydroment Ceramic Tile Grouts and Dry Tile Grouts 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.

Hydroment 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 Hydroment 425 Multi-Purpose Acrylic Latex Admixture.

LIMITATIONS
• Do not freeze
• Do not mix 425 Multi-Purpose Acrylic Latex Admixture with Hydroment Plus™, polymer-modified grouts.
• Do not mix 425 Multi-Purpose Acrylic Latex Admixture with Hydroment latex-modified mortars (i.e. Reflex™, Single-Flex, Big Tile & Stone™, and Hydroment PM™).

LIMITED WARRANTY
Bostik, Inc. warrants that the product conforms with Bostik’s written specifications and is free from manufacturing defects. A PURCHASER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE. PURCHASERS MAY ADDRESS THEIR WARRANTY CLAIMS TO BOSTIK, INC., 211 BOSTON ST., MIDDLETON, MA 01949, ATT: CUSTOMER SERVICE OR CALL 1-800-726-7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
HYDROMENT® 425 MULTI-PURPOSE ACRYLIC LATEX ADMIXTURE™

PRODUCT DESCRIPTION
Hydroment® 425 Multi-Purpose Acrylic Latex Admixture™ is a high solids acrylic emulsion designed to improve the performance of Hydroment Ceramic Tile Grout, Dry Tile Grout, Tile-Mate Thin Set Mortars, Single Flex F.S.™ (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
Hydroment Ceramic Tile Grouts exceed the requirements of ANSI A118.6, H4 and A118.7 for latex-modified and polymer grouts when mixed with 425 Multi-Purpose Acrylic Latex Admixture.

AS A THIN SET ADMIXTURE
Mix Hydroment 425 Multi-Purpose Acrylic Latex Admixture with Tile-Mate mortars to create latex-modified thin sets. Addition of 425 Multi-Purpose Acrylic Latex Admixture provides the necessary adhesion to plywood subfloors, porcelain tiles, gypsum board, cementitious backer boards, waterproofing and crack isolation membranes. The addition of 425 Multi-Purpose Acrylic Latex Admixture provides frost resistance required for exterior installations which are subject to freeze thaw conditions.

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<td>4,000 psi</td>
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<tr>
<td>Initial Set (@ 70°F)</td>
<td>1 Hour</td>
</tr>
<tr>
<td>Water absorption: 50% relative humidity</td>
<td>3% immersion to dry</td>
</tr>
</tbody>
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TYPICAL PHYSICAL PROPERTIES WITH TILE-MATE THIN SETS

<table>
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<tr>
<th>Property</th>
<th>Value</th>
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<td>Shear Strength, 7 Days</td>
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<td>Glazed Wall Tile</td>
<td>400 psi (ANSI REQ 300)</td>
</tr>
<tr>
<td>Quarry to Wood</td>
<td>350 psi (ANSI REQ 100)</td>
</tr>
<tr>
<td>Open Time (@ 70°F)</td>
<td>30 Minutes</td>
</tr>
<tr>
<td>Adjustability (@ 70°F)</td>
<td>1.5 Hours</td>
</tr>
</tbody>
</table>

*Min. shear values due to failure of wood substrate.

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% 425 Multi-Purpose Acrylic Latex Admixture for water to increase moisture resistance and overall durability.

LIMITATIONS
• Do not use in jobsite prepared mortar beds.
• Do not mix 425 Multi-Purpose Acrylic Latex Admixture with Hydroment Plus™, polymer-modified grouts.
• Do not mix 425 Multi-Purpose Acrylic Latex Admixture with Hydroment latex-modified mortars (i.e. ReFlex™, Single-Flex, Big Tile & Stone™, and Hydroment PM™).

PACKAGING
5 gallon drums 3/pallet
5 gallon pail 27/pallet
2 gallon pail 48/pallet
4 x 1 galon/ case 27/pallet
12 x 1 quart/ case 32/pallet

Applies to 425 Multi-Purpose Acrylic Latex Admixture when mixed with undiluted 425 Multi-Purpose Acrylic Latex Admixture.

Hydroment Ceramic Tile Grouts exceed the requirements of ANSI A118.4 (Specification for latex-Portland cement mortar), ANSI A118.11 (Specification for exterior grade plywood, latex-Portland cement mortar) when mixed with undiluted 425 Multi-Purpose Acrylic Latex Admixture.

AS A CEMENT BONDED MORTAR ADHESIVE
Mix 425 Multi-Purpose Acrylic Latex Admixture with Portland cement (i.e. ReFlex™, Single-Flex, Big Tile & Stone™ and Hydroment PM™) to prepare 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% 425 Multi-Purpose Acrylic Latex Admixture for water to increase moisture resistance and overall durability.

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