



P R O D U C T I N F O R M A T I O N

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

Compressive strength, 7 day	4,000 psi
Initial Set (@ 70° F)	1 Hour
Water absorption- 50% relative humidity immersion to dry	3% 4%

TYPICAL PHYSICAL PROPERTIES WITH TILE-MATE THIN SETS

Shear Strength, 7 Days	
Ceramic Mosaic Tile	400 psi (ANSI REQ 200)
Glazed Wall Tile	400 psi (ANSI REQ 300)
Quarry to Wood*	350 psi (ANSI REQ 100)
Open Time (@ 70° F)	30 Minutes
Adjustability (@ 70° F)	1.5 Hours

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

425 Multi-Purpose Acrylic Latex Admixture may also be added to Single Flex F.S. 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% 425 Multi-Purpose Acrylic Latex Admixture for water to increase moisture resistance and overall durability.



09300

9

Tile Setting Materials & Accessories
Acrylic Latex Admixture

June 2006: Supersedes all previously published literature.

T19



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™).

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



Middleton, MA 01949
1-800-7/BOSTIK
1-800-726-7845

PLANT LOCATIONS

Temecula, CA 92590
Conyers, GA 30207
Paulsboro, NJ 08066

www.bostik-us.com

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, Attn: Customer Service or call Bostik at 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.

