



425™

MULTI-PURPOSE ACRYLIC LATEX ADMIXTURE

KEY FEATURES

- 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 Hydroment® Ceramic Tile Grout™ Sanded, Bostik Hydroment® Dry Tile Grout™ Unsanded, Bostik Tile-Mate® and Bostik Single-Flex® FS Thin Set Mortars, 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 Hydroment® Ceramic Tile Grout™ Sanded and Bostik Hydroment® Dry Tile Grout™ Unsanded 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 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 425™ Multi-Purpose Acrylic Latex Admixture. Addition of 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 425™ Multi-Purpose Acrylic Latex Admixture provides frost resistance required for exterior installations, which are subject to freeze thaw conditions.

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, slurry coat, neat cement coat):

Mix 425™ Multi-Purpose Acrylic Latex Admixture with white or gray Portland cement to a creamy consistency.

TYPICAL PHYSICAL PROPERTIES WITH CERAMIC TILE GROUT

Compressive strength, 7 day	4,000 psi
Initial Set at 70°F (21.1°C)	1 hour
Water absorption:	
• 50% relative humidity	3%
• Immersion to dry	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*	400 psi (ANSI REQ 100)
Open Time at 70°F (21.1°C)	30 minutes
Adjustability at 70°F (21.1°C)	1.5 hours

* Minimum shear values due to failure of wood substrate.

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 Hydroment® Ceramic Tile Grout™ Sanded and Bostik Hydroment® Dry Tile Grout™ Unsanded 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

STORAGE/SHELF LIFE

Store in a clean, dry area at temperatures between 34°F (1°C) and 100°F (38°C). Shelf life is one year from date of manufacturing.

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.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

In case of contact, wash skin with soap and water. Flush eyes with clear water for 10 minutes and CALL A PHYSICIAN. If swallowed, call a Poison Control Center or doctor immediately.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA),
703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

LIMITED WARRANTY

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BOSTIK HOTLINE

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