

1. PRODUCT NAME

TEC® Acrylbond® AMA Acrylic Mortar Additive (862)



2. MANUFACTURER

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3. DESCRIPTION

Acrylbond® AMA acrylic latex mortar additive is specifically formulated for use in place of water in TEC® brand unmodified thin set or specialty mortars to provide enhanced performance characteristics.

Also highly recommended as an admixture for scratch and brown coats.

Key Features and Benefits

- Good bonds to plywood
- Recommended for porcelain tile
- Interior/exterior use
- Exceeds ANSI A118.4 and A118.11 specifications
- Rated for extra heavy commercial traffic

Packaging

1.5 gallon plastic jugs (5.67 L)
5 gallon pails (18.92 L)
50 gallon drums (189.21 L)

Product #3305275811
Product #3305271511
Product #3305270111

Suitable Substrates and Preparation

Refer to detailed information on product packages for each TEC® thin set or recommended specialty mortar.

Storage

Store in cool, dry location. Do not store open containers.

Shelf Life

Maximum of 18 months from date of manufacture in unopened package.

Limitations

- Recommended as a mortar additive only.
- Do not use Acrylbond® AMA additive as an admixture for portland cement grouts.
- Latex-modified mortars should not be used for installing green marble, other moisture-sensitive stone tile or resin-backed marble; use TEC® AccuColor EFX® Epoxy Grout and Mortar.
- Latex-modified mortars should not be applied when the temperature of the area and substrate to be tiled is below 50°F (10°C) as this delays the curing process.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Applicable Standard

Exceeds ANSI A118.4 and A118.11 specifications

Acrylbond® AMA Acrylic Mortar Additive (862)		
Description	ANSI Requirement	Typical Results when mixed with TEC® Full Set Plus® (TA-380/381)
<i>Tested in accordance with ANSI A118.4 Specifications for Latex Portland Cement Mortars</i>		
28 Day Shear Strength		
Glazed Wall Tile	> 300 psi (2.1 MPa)	> 600 psi* (4.1 MPa)
Impervious Ceramic Tile (Porcelain)	> 200 psi (1.4 MPa)	250-325 psi (1.7-2.2 MPa)
Quarry Tile	> 150 psi (1.0 MPa)	400-500 psi (2.8-3.4 MPa)
		* ANSI-specified glazed wall tile failed at 600 psi (4.1 MPa)
Sag on Vertical Surfaces	1/16" (1.6 mm)	1/16" (1.6 mm)
Open Time at Room Temperature	≥ 50 minutes	60-80 minutes
Adjustability at Room Temperature	≥ 30 minutes	30-40 minutes
Final Set	9-15 hours	9-15 hours
<i>Tested in accordance with ANSI A118.11 Specifications for Latex-Modified Dry Set Mortars over Exterior Grade Plywood</i>		
28 Day Shear Strength		
Quarry Tile	> 150 psi (1.0 MPa)	> 150 psi (1.0 MPa)
Greater than: >	Greater than or equal to: ≥	Less than: <
		Less than or equal to: ≤

Physical Properties

Description	
Physical State	Liquid
Color	White, dries clear
Freeze/Thaw Stability	Freeze/thaw stable. If frozen, thaw and stir before using.
Storage	Store in cool, dry location. Do not store in open containers.
Shelf Life	Maximum 18 months from date of manufacture in properly stored, unopened package.

5. INSTALLATION INSTRUCTIONS

Mixing

For best results, add powder to liquid. In a clean mixing container, add unmodified mortar to additive as specified below.

Mortar Size	Amount of Acrylbond® AMA
50 lbs. (22.68 kg)	5-6 qts. (4.7-5.7 L)
For mortar bed applications: 80 lbs. (36.28 kg) of a 3:1 sand/portland mix	4½-5 qts. undiluted (4.2-4.7 L) Gauge to proper working consistency

Application

Install in accordance with detailed instructions on TEC® thin set or specialty mortar product data sheets or packages.

6. AVAILABILITY

TEC® Premium Tile and Stone Installation Products are available nationwide. To locate TEC® products in your area, please contact:

Phone: 800-832-9002
Website: tecspecially.com

Cost

Contact your local TEC® Distributor.

7. WARRANTY

For warranty details, see your sales associate or visit tecspecially.com.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support Hotline.

Toll Free: 800-832-9023

Fax: 630-952-1235

Technical and safety literature

To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM

Division 9



tecspecialty.com