1. PRODUCT NAME
TEC® XtraFlex™ Premium Acrylic Mortar Additive (872)

2. MANUFACTURER
H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.832.9023 Technical Support
800.952.2368 Fax
tecspecialty.com

3. DESCRIPTION
XtraFlex premium acrylic latex mortar additive is specifically formulated for use in place of water in TEC brand unmodified thin set to provide enhanced performance characteristics. Also highly recommended as an admixture for scratch and brown coats.

Key Features and Benefits
- 100% acrylic polymer
- Highest polymer solids for increased flexibility
- Flexible: absorbs \( \frac{1}{16} \) (1.6 mm) in-plane movement
- Best for porcelain tile
- Excellent for wet areas
- Strongest bonds to plywood
- Interior/exterior use
- Exceeds ANSI A118.4 and A118.11
- Rated for extra heavy commercial traffic

Packaging
1.85 U.S. gallon plastic jugs (7.0 L) Product #3305287011
5 U.S. gallon pails (18.92 L) Product #3305281511
50 U.S. gallon drums (189.21 L) Product #3305280111

Suitable Substrates and Preparation
Refer to detailed information on product packages for each thin set or recommended specialty mortar.

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

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

Limitations
Recommended as a mortar additive only. Do not use XtraFlex 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 ANSI A118.11 specifications.

<table>
<thead>
<tr>
<th>XtraFlex™ Premium Acrylic Mortar Additive (872)</th>
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<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>28 Day Shear Strength</td>
</tr>
<tr>
<td>Glazed Wall Tile</td>
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<tr>
<td>Impervious Ceramic Tile (Porcelain)</td>
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<tr>
<td>Quarry Tile</td>
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<tr>
<td>Sag on Vertical Surfaces</td>
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<tr>
<td>Open Time [at 72°F (22°C)]</td>
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<tr>
<td>Adjustability [at 72°F (22°C)]</td>
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<tr>
<td>Final Set</td>
</tr>
<tr>
<td>Flexibility (movement absorbed before shear) Porcelain to Concrete Tested in accordance with ANSI A118.4 Specifications for Latex Portland Cement Mortars</td>
</tr>
<tr>
<td>28 Day Shear Strength Quarry Tile</td>
</tr>
<tr>
<td>Tested in accordance with ANSI A118.11 Specifications for Latex-Modified Dry Set Mortars over Exterior Grade Plywood</td>
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</tbody>
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<tr>
<th><strong>Physical Properties</strong></th>
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<tbody>
<tr>
<td><strong>Description</strong></td>
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<tr>
<td>Physical State</td>
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5. INSTALLATION INSTRUCTIONS

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

<table>
<thead>
<tr>
<th>Mortar Size</th>
<th>Amount of XtraFlex</th>
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<tbody>
<tr>
<td>50 lbs. (22.68 kg)</td>
<td>1.85 Gallons (7.00 L)</td>
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<tr>
<td>For mortar bed applications: 80 lbs. (36.28 kg) of a 3:1 sand/portland mix</td>
<td>4½-5 qts. (4.2-4.7 L) at a 1:1 dilution ratio: 2½ qts. XtraFlex : 2½ qts. water (2.1 L XtraFlex : 2.1 L water) Gauge to proper working consistency</td>
</tr>
</tbody>
</table>
Application
Install in accordance with detailed instructions on TEC thin set or specialty mortar product data sheets or packages.

6. AVAILABILITY
TEC Premium Products are available nationwide.
To locate a distributor in your area, please contact:
Phone: 800-832-9002
Website: tecspecialty.com

7. LIMITED WARRANTY
The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product. For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE
Not applicable

9. TECHNICAL SERVICES
Technical and safety literature
To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM
Division 9