1. PRODUCT NAME
TEC® Fast-Set Deep Patch (305)

2. MANUFACTURER
H.B. Fuller Construction Products Inc.
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Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.832.9023 Technical Support
800.952.2368 Fax
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3. DESCRIPTION
TEC® Fast-Set Deep Patch is a cement-based underlayment designed specifically for deep fills, ramping, and leveling concrete and plywood subfloors (dry areas only) from featheredge up to 1/2" (12 mm) in a single application, up to 5" (12 cm) with proper aggregate. Can be applied with steel trowel, float and/or screen to produce a smooth, level surface. TEC® Fast-Set Deep Patch cures to a walkable surface in approximately 60 minutes.

Key Features and Benefits
• Calcium aluminate technology for rapid strength development
• Interior/exterior use (use TEC® Patch Additive for exterior use)
• Featheredge to 1/2" (38 mm) in a single application, up to 5" (12 cm) with proper aggregate
• Fast-set — allows for quick installation
• High bond and compressive strengths
• Provides smooth surface ready to accept flooring
• Self-drying formula
• Contributes to LEED® project points
• VOC 0

Packaging
25 lb. plastic bags (11.34 kg) Product #7056893011
25 lb. moisture-resistant bags (11.34 kg) Product #7056893017

Coverage
Coversages shown are approximate. Actual coverages may vary according to substrate conditions and thickness of applications.

<table>
<thead>
<tr>
<th>Application Depth</th>
<th>Approximate Coverage per 25 lbs. (11.34 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; (3 mm)</td>
<td>30-32 sq. ft. (2.8-3.0 m²)</td>
</tr>
<tr>
<td>1/2&quot; (6 mm)</td>
<td>15-16 sq. ft. (1.4-1.5 m²)</td>
</tr>
<tr>
<td>1&quot; (12 mm)</td>
<td>7-8 sq. ft. (0.65-0.74 m²)</td>
</tr>
<tr>
<td>1&quot; (25 mm)</td>
<td>3½-4 sq. ft. (0.33-0.37 m²)</td>
</tr>
</tbody>
</table>

Suitable Substrates
When properly prepared, suitable substrates include:
• Concrete
• Burnished concrete*
• Epoxy terrazzo*
• Cement terrazzo
• Epoxy coatings*
• Ceramic tile (including porcelain and quarry tile)*
• Exterior grade plywood, APA grade trademarked exterior plywood, C-C (plugged) or better (no additive needed)
• Gypsum Substrates* - minimum tensile bond strength 72 psi (0.5 MPa)

*Requires priming with TEC® Multipurpose Primer

4. TECHNICAL DATA

<table>
<thead>
<tr>
<th>Description</th>
<th>Test Standard</th>
<th>Typical Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 Day Compressive Strength</td>
<td>ASTM C109</td>
<td>4200 psi (28.7 MPa)</td>
</tr>
<tr>
<td>28 Day Flexural Strength</td>
<td>ASTM C580</td>
<td>1100 psi (7.5 MPa)</td>
</tr>
</tbody>
</table>

Physical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Dry powder</td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
</tr>
<tr>
<td>Working Time</td>
<td>15-20 minutes</td>
</tr>
<tr>
<td>Walkable Hardness</td>
<td>Approximately 60 minutes</td>
</tr>
<tr>
<td>Install Floor Covering*</td>
<td>1-1½ hours</td>
</tr>
<tr>
<td>Storage</td>
<td>Store in cool, dry location. Do not store open containers.</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>Maximum shelf life is from date of manufacture in properly stored, unopened package. Plastic bag: 3 years Moisture-resistant bag: 1 year</td>
</tr>
</tbody>
</table>

*Flooring material installation is dependent on thickness, drying conditions and type of flooring.
5. INSTALLATION INSTRUCTIONS

Mixing
Slowly add the entire bag of TEC® Fast-Set Deep Patch to 2-2 1/2 quarts (1.9-2.4 L) of clean, cool water and mix with a high power drill (300 RPM). Avoid breathing dust and contact with eyes and skin. Mix thoroughly to a smooth, lump-free consistency. Smaller amounts may be hand mixed, 3 1/2 parts TEC® Fast-Set Deep Patch to 1 part water.

Application
Immediately after mixing, apply TEC® Fast-Set Deep Patch onto the flooring substrate. Using a trowel or screed, work the material into the substrate and then finish with a steel trowel to a smooth level surface. Working time is approximately 15-20 minutes, depending on ambient temperature and relative humidity. High temperatures and low humidity will shorten working time. TEC® Fast-Set Deep Patch can be applied from a featheredge up to 1 1/2" (38 mm) depth in a single application. Up to 5" (12 cm) thickness may be poured with the addition of aggregate (well-graded, washed, and dried at 1/8" or 1/4" (3-6 mm)). To ensure proper bond, all aggregate and substrate must be completely coated with the underlayment mixture. Do not use sand. For further information, please contact your TEC® representative.

Curing
TEC® Fast-Set Deep Patch achieves walkable hardness in approximately 60 minutes. Installation of most floor covering materials can be applied within 1 to 1 1/2 hours. When hot, dry or windy weather conditions exist, TEC® Fast-Set Deep Patch should be protected to avoid rapid water loss during curing period. TEC® Fast-Set Deep Patch is cement-based, and all general rules of concrete work should be observed to achieve maximum results. Never use forced air to accelerate the drying of TEC® cement-based products. For best results, always test performance of finished floor systems prior to application.

Clean-up
While material is still fresh, clean tools, hands and equipment with warm soapy water.

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: 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