1. PRODUCT NAME
TEC® Power Grout™

2. MANUFACTURER
H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800-832-9002 Customer Support
800-952-2368 Fax
teccom

3. DESCRIPTION
TEC® Power Grout™ can be used for wall, floor and
countertop applications, for joints 1/16” – 1/2” and is
formulated to be highly resistant to common stains and mold
and mildew. The unique next-generation technology provides
extremely durable grout joints that
resist cracking and wear in
residential to extra heavy commercial applications. Its unique
formulation results in rich, uniform pigmentation and strong,
smooth, stain-resistant joints. Mixed with water, Power
Grout™ exceeds ANSI A118.7. Use interior (including wet
areas) and exterior applications. Excellent performance in
virtually any environment, including wet areas.

Key Benefits and Features
- Highly stain resistant, never needs sealing
- Fast setting; open to traffic in 4 hours
- Color accurate and resistant to efflorescence
- Universal formula for wall and floor applications. For
gROUTjoints from 1/16” to 1/2” wide
- Crack and shrink resistant
- Mold and mildew resistant
- Exceeds ANSI A118.7 specifications
- Residential to Extra Heavy Commercial Applications
- Interior/exterior use

Packaging
10 lbs. plastic bag

Color
Available in 12 colors. Contact H.B. Fuller Construction
Products, Inc. for a current color selection card.

Surface Preparation
Proper installation of the tile and joint surfaces is important
and will help promote a quality installation. The joints
between the tiles should be free from foreign materials, and
be at least 2/3 of the thickness of the tile in depth. High ridges
of adhesive or mortar should be raked out. Any spacers used
should be removed. Tiles should be held firmly in place
according to manufacturer’s instructions before grouting.

Due to rough surface texture or high porosity, some tiles require
sealing prior to grouting. Consult the tile manufacturer’s/fabricator’s
literature for advice regarding this point. HBF-CP recommends the
use of a tile presealer for protecting your tile or stone from grout
staining during installation.

Notes: TEC® Power Grout never needs sealing, however, if the tile
or stone is to be sealed after grout is installed, use a compatible
solvent based sealer. Test a small area of the tile/stone and grout to
ensure you achieve the desired results. If a water-based sealer is
required, consult Technical Support for a list of approved sealers or
pre-seal the tile/stone. When pre-sealing, do not apply sealer to
tile/stone edges as this may prevent proper grout bond.

Certain tile surfaces, including glazed ceramic tile, marble, stone
and agglomerate tile can be scratched or damaged when grouted
with sanded grout. Follow tile manufacturer/fabricator
recommendations or test a small area prior to use to determine
suitability.

For industrial and commercial installations where chemical
resistance is required, use an epoxy grout in accordance with ANSI
A118.3 recommendations.

Coverage and Trowel Recommendations
Figures shown in the chart are presented only as guidelines.

<table>
<thead>
<tr>
<th>Joint Width</th>
<th>Approximate Coverage per Pound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tile Size</td>
<td>1/16”</td>
</tr>
<tr>
<td>1” x 1” x 1/4”</td>
<td>3.70 s.f.</td>
</tr>
<tr>
<td>2” x 2” x 1/4”</td>
<td>7.14 s.f.</td>
</tr>
<tr>
<td>4” x 4” x 1/2”</td>
<td>7.14 s.f.</td>
</tr>
<tr>
<td>4” x 8” x 1/2”</td>
<td>10.0 s.f.</td>
</tr>
<tr>
<td>6” x 6” x 1/2”</td>
<td>11.11 s.f.</td>
</tr>
<tr>
<td>8” x 8” x 5/16”</td>
<td>25.0 s.f.</td>
</tr>
<tr>
<td>8” x 8” x 1/2”</td>
<td>14.29 s.f.</td>
</tr>
<tr>
<td>10” x 10” x 5/16”</td>
<td>29.00 s.f.</td>
</tr>
<tr>
<td>12” x 12” x 5/16”</td>
<td>35.00 s.f.</td>
</tr>
<tr>
<td>16” x 16” x 5/16”</td>
<td>46.50 s.f.</td>
</tr>
<tr>
<td>18” x 18” x 5/16”</td>
<td>51.00 s.f.</td>
</tr>
<tr>
<td>24” x 24” x 5/16”</td>
<td>100.00 s.f.</td>
</tr>
</tbody>
</table>
**Approximate Coverage per Kilogram**

<table>
<thead>
<tr>
<th>Joint Width</th>
<th>Tile Size</th>
<th>1/16&quot;</th>
<th>1/8&quot;</th>
<th>1/4&quot;</th>
<th>3/8&quot;</th>
<th>1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; x 1&quot; x 1/4&quot;</td>
<td>15.81 s.f.</td>
<td>8.02 s.f.</td>
<td>4.14 s.f.</td>
<td>2.87 s.f.</td>
<td>2.23 s.f.</td>
<td></td>
</tr>
<tr>
<td>2&quot; x 2&quot; x 1/8&quot;</td>
<td>22.04 s.f.</td>
<td>10.71 s.f.</td>
<td>5.47 s.f.</td>
<td>3.73 s.f.</td>
<td>2.87 s.f.</td>
<td></td>
</tr>
<tr>
<td>4&quot; x 4&quot; x 1/8&quot;</td>
<td>55.16 s.f.</td>
<td>25.71 s.f.</td>
<td>12.85 s.f.</td>
<td>8.58 s.f.</td>
<td>6.42 s.f.</td>
<td></td>
</tr>
<tr>
<td>8&quot; x 8&quot; x 1/8&quot;</td>
<td>102.42 s.f.</td>
<td>48.19 s.f.</td>
<td>24.10 s.f.</td>
<td>16.07 s.f.</td>
<td>12.04 s.f.</td>
<td></td>
</tr>
<tr>
<td>10&quot; x 10&quot; x 1/8&quot;</td>
<td>112.33 s.f.</td>
<td>55.07 s.f.</td>
<td>27.54 s.f.</td>
<td>18.36 s.f.</td>
<td>13.78 s.f.</td>
<td></td>
</tr>
<tr>
<td>24&quot; x 24&quot; x 1/8&quot;</td>
<td>220.54 s.f.</td>
<td>77.09 s.f.</td>
<td>38.56 s.f.</td>
<td>25.71 s.f.</td>
<td>19.27 s.f.</td>
<td></td>
</tr>
</tbody>
</table>

**4. TECHNICAL DATA**

**Applicable Standard**
When mixed with water and tested, TEC® Power Grout™ exceeds ANSI A118.7 Specifications for Ceramic Tile Grouts, Polymer-modified Cement Grout and meets the listed ANSI A118.3 Specifications for Ceramic Tile Grouts.

<table>
<thead>
<tr>
<th>Description</th>
<th>ANSI A118.7 Requirement</th>
<th>Typical Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 Day Compressive Strength</td>
<td>≥ 3000 psi (20.7 MPa)</td>
<td>6000-7000 psi (41.0-47.9 MPa)</td>
</tr>
<tr>
<td>28 Day Tensile Strength</td>
<td>≥ 500 psi (3.4 MPa)</td>
<td>600-700 psi (4.1-4.8 MPa)</td>
</tr>
<tr>
<td>28 Day Flexural Strength</td>
<td>≥ 1000 psi (6.9 MPa)</td>
<td>1200-1300 psi (8.2-8.9 MPa)</td>
</tr>
<tr>
<td>27 Day Linear Shrinkage</td>
<td>&lt; 0.25% shrinkage</td>
<td>0.07-0.08% shrinkage</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>&lt; 5% absorption</td>
<td>2-3% absorption</td>
</tr>
</tbody>
</table>

**Physical Properties**

<table>
<thead>
<tr>
<th>Description</th>
<th>Physical State</th>
<th>Color</th>
<th>Pot Life</th>
<th>Stain Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEC® Power Grout™</td>
<td>Dry Powder</td>
<td>Available in 12 colors</td>
<td>1 hour</td>
<td>Allow to cure for 7 days to achieve maximum stain resistance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Initial Cure [at 72°F (22°C)]</th>
<th>Final Cure</th>
<th>Foot Traffic Rating (ASTM C627)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sag in Vertical Joints</td>
<td>3-4 hours</td>
<td>21 days</td>
<td>Residential to Heavy Commercial</td>
</tr>
</tbody>
</table>

**5. INSTALLATION INSTRUCTIONS**

**Mixing**
For best results pour water in a bucket and then add powder. In a clean mixing container, add TEC® Power Grout™ to clean, cool water as specified below:

<table>
<thead>
<tr>
<th>TEC® Power Grout™</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 lbs.</td>
<td>3 1/4 cups [26 fl. oz.]</td>
</tr>
</tbody>
</table>
Mix for 2 minutes. Avoid breathing dust and contact with eyes and skin. Allow mixture to "slake" (sit in the container) for 3-5 minutes, then remix before using. Slaking allows the water, cement and other ingredients to react properly.

**Note:** HBF-CP recommends that a full container of TEC® Power Grout™ be mixed and used at one time. However, if less than a full container of grout or multiple containers from different lot numbers are used, pre-mix the entire contents of the container(s) prior to mixing with water. (The fine pigment particles may settle during shipment and color variance can occur in the finished joint unless you first dry blend in this fashion.)

To ensure color consistency across the installation, use the same water to grout proportions when using multiple containers for the same job.

**Application**

Fully pack the joints between the tiles by spreading TEC® Power Grout™ with a clean, hard rubber float. Work only a small area at one time (5-10 sq. ft.). Apply in a diagonal direction across the joint lines to prevent the grout from being dragged out of the joints. Go over each area several times from all directions to make sure that the grout is fully packed in. Remove any excess grout from the surface of the tile by holding the float at a 90° angle to the surface and moving it diagonally across the joints. Repeat the entire process until all joints are grouted.

**Clean Up**

Allow the grout to firm up in the joints, 20-30 minutes under normal conditions. Check for firmness by touching the grout with your finger. If there is transfer, wait 15 minutes and test again. When there’s no transfer it is time to begin clean-up.

Wet grout sponge in a pail containing cool, fresh water and wring out. Loosen the grout on the tile surface by moving the sponge in a circular motion across the tiles. Then use the sponge to smooth the joints. Completely rinse and wring out the sponge. Wipe diagonally across the tiles to remove grout residue. Use each side of the sponge once, then rinse, completely wring out and repeat. Change the water frequently.

Allow the grout to dry 30-60 minutes and remove all remaining grout residue from the tiles with a damp sponge and terrycloth towel.

**Protection**

Protect the finished installation from traffic or impact for at least 4 hours. Wait 24 hours before mopping, routing cleaning or shower use. Do not expose to stains, complete water immersion or freezing for 7 days.

No need to seal grout. If tile or stone is to be sealed after grout is installed, use a compatible solvent based sealer. Test a small area of the tile/stone and grout to ensure you achieve the desired results.

If water-based sealer is required, consult Technical Support for a list of approved sealers. Allow grout to cure for 72 hours before sealing.

6. **WARRANTY**

For details about our limited warranties, see your sales associate or teckillset.com.

7. **TECHNICAL SERVICES**

**Technical Assistance**

Information is available by calling the Technical Service Helpline. Toll Free: 800-832-9023

**Technical and Safety Literature**

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