The Ultimate. For ANY Large Tile Challenge

Whatever your tile challenge – large or extra large, thick or ultra-thin, walls or floors, TEC® Ultimate Large Tile Mortar has you covered. Its unique formula combines the best of multiple large tile mortars into one – no slip, no slump and superior mortar transfer to tile. So go ahead, take large tile challenges head-on with the mortar that gives you the ultimate ability to handle any installation.

Contact your local sales rep to request a demo. Have a question? Visit TECQuestions.com.

TEC® Ultimate Large Tile Mortar

TECSpecialty.com
**Ultimate Large Tile Mortar**

TEC® Ultimate Large Tile Mortar is a high performing, polymer-modified, full-contact (full-coverage) mortar for installing ceramic, porcelain and natural stone tile. It is ideal for use as a medium bed mortar for heavy and large format tile in both interior and exterior applications (maximum mortar thickness of \( \frac{3}{4}˝ \) [19 mm] after the tile is embedded). It can also be used in standard thin-set applications. As a medium bed mortar it significantly reduces the need for back-buttering. It also provides extended open time and has non-sag/non-slump characteristics for wall and floor applications. For details about TEC® product or system warranties, contact your sales associate or visit tecspecialty.com.

**Features and Benefits**

- Thinset or medium-bed application
- Ideal for use with heavy and large format tile
- Extended open time
- Mixes to a smooth, creamy consistency for superior handling
- Interior/exterior use
- Exceeds ANSI A118.4TE and A118.11 specifications
- Zero VOC
- Contains recycled materials*  

* Gray formula contains 5% pre-consumer recycled material.  
White formula contains 5% post-consumer recycled material.

**Additional Features and Benefits**

**Suitable Substrates**

When properly prepared, suitable substrates include:

- Cured concrete, cured mortar beds, brick and masonry (interior and exterior installations)
- APA Grade Trademarked Exposure 1 Plywood [Underlayment grade or better, two layers, 1\(\frac{3}{4}˝\) (28 mm) total minimum thickness for joists 16" (40 cm) o.c., interior floors only]
- Gypsum wallboard (dry interior wall areas only)
- Water resistant gypsum wallboard (i.e. greenboard, interior walls only, dry to intermittent water exposure only)
- Cementitious backer units (CBU) or glass mat backerboard
- Existing ceramic tile and natural stone, provided existing flooring is well-bonded to an approved substrate
- Vinyl composition tile, asphalt tile, linoleum or non-cushioned vinyl sheetgoods provided such surfaces are single layered, well-bonded to an approved substrate and properly prepared
- Adhesive residue (except tacky or pressure-sensitive adhesive). Mechanically remove the adhesive to expose at least 80% of the concrete surface. Random specks of adhesive and the appearance of a brown surface stain are acceptable.

**Coverage**

Coverage will vary with condition of substrate. Required trowel size will vary with the tile size, type and substrate uniformity. Select the trowel size that will ensure 100% coverage. Figures below are presented only as guidelines.

**Packaging**

40 lb. (18.14 kg) moisture-resistant bags  
Gray (382)      Product #7073983511  
White (383)      Product #7076953511

**Technical Data**

**Physical Properties**

<table>
<thead>
<tr>
<th>Description</th>
<th>Dry powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Available in white and gray</td>
</tr>
<tr>
<td>Pot Life</td>
<td>3 to 4 hours</td>
</tr>
<tr>
<td>Initial Cure (at 72°F (22°C))</td>
<td>16 to 24 hours</td>
</tr>
<tr>
<td>Final Cure</td>
<td>21 days</td>
</tr>
<tr>
<td>Foot Traffic Rating (ASTM C627)</td>
<td>Residential to Extra Heavy Commercial (depending on substrate)</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 1 year from date of manufacture in properly stored, unopened package.</td>
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