General Purpose Tiling - Adhesives & Grouts

The House of Scandinavian Finishing Materials
**Introduction**

Established in 1980, Terraco is today a global leader in the manufacture and distribution of high quality construction finishing materials, with over 550 products available. Using environmentally friendly raw materials and production methods, the Terraco Group has established a global footprint with 17 strategically located production facilities, exporting to over 75 countries.

Ceramic, porcelain, granite, marble, mosaics and other composite materials are widely used as floor and wall coverings, both internally and externally, in a multitude of different places and applications.

Since inception, the **Terraco Maxi** range of general purpose quality tile adhesives and grouts have been meeting customer needs. Terraco offers a complete range of cementitious adhesives, acrylic paste adhesives, additives, primers and coloured grouts for both wide and narrow joints.

<table>
<thead>
<tr>
<th>Terraco Product</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maxi Tile Mortar</td>
<td>Cementitious</td>
<td>General purpose cementitious tile adhesive</td>
</tr>
<tr>
<td>Maxi Tile Paste</td>
<td>Acrylic Paste</td>
<td>One pack tile adhesive in paste form</td>
</tr>
<tr>
<td>Maxi Tile Grout</td>
<td>Cementitious</td>
<td>Grouting compound for ceramic tiles</td>
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</table>

**Maxi Tile Mortar**

Maxi Tile Mortar is an easy to apply general purpose cementitious mortar for the mounting and laying of ceramic tiles, glazed and unglazed clinkers and mosaics. It is suitable for both interior and exterior application and is suitable on floors and walls of concrete, lightweight concrete and plaster. It provides excellent adhesion between tile and substrate, and is available in a natural white or grey color.

**Features and Benefits**

- Easy application
- Good adhesion
- Environmentally Friendly

**Method of Application**

- Add 6-7ltrs of water to 25kg of **MAXI TILE MORTAR** and mix thoroughly to a thick and creamy consistency.
- Let it stand for 5 minutes, re-stir and apply.
- Apply **MAXI TILE MORTAR** in a layer approximately 3mm thick to the substrate with the smooth edge of a notched trowel, then pull the notched edge through the applied layer.
- Fix the tiles into place and ensure that complete adhesion is established.

- Tiles should be fixed before the adhesive layer is surface dry.
- For difficult substrates or when large tiles are to be fixed, it is advisable to substitute 20% of the mixing water with **TERRACO TERRABOND A**.
- Mixed **MAXI TILE MORTAR** must be used within 1 hour.
Maxi Tile Paste

Maxi Tile Paste is formulated from a precisely graded, crushed dolomite, with an acrylic binder and additives to improve plasticity and adhesion. Used both internally and externally, on walls of fair-face concrete, plaster board, chipboard, gypsum walls, sand and cement plasters and screeds.

Maxi Tile Paste is not suitable for prolonged saturation areas such as floors, swimming pools, and basins.

**Features and Benefits**
- Ready mix
- Excellent adhesion
- Environmentally friendly
- Water based

### Method of Application

- Apply MAXI TILE PASTE in a layer approximately 3 mm thick to the surface with the smooth side of a notched trowel.
- Pull the notched edge of the trowel through the applied layer.
- Push and twist the tiles into place so that complete adhesion is established.

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Maxi Tile Grout

Maxi Tile Grout is an economical hard-wearing, water-resistant grout for filling joints in exterior and interior walls and floor ceramic tiles, mosaics and clinkers. It is specially formulated to fill joints of up to 5 mm in width. It is easily applied by hand and because of its unique composition, does not shrink when dry. MAXI TILE GROUT is manufactured in 2 standard colours; white and grey.

**Features and Benefits**
- Does not curl up during application
- Good water and weather resistance
- No shrinkage cracks
- Environmentally friendly

### Method of Application

- Thoroughly mix MAXI TILE GROUT in the ratio of approximately 1 - 1.2 litre water to 4 kg MAXI TILE GROUT powder.
- Allow to stand for 5 minutes and mix again.
- MAXI TILE GROUT is then ready for use.
- Wait until the MAXI TILE MORTAR has set (approx. 24 hours) before grouting.
- Apply MAXI TILE GROUT diagonally into the joints with a rubber edged spatula.
- Remove excess grout with a moist sponge before drying.
- Only mix enough material that can be used within 1 hour of mixing.
- Porous tiles should be moistened with water before grouting.
- After MAXI TILE GROUT has set and before it has hardened, polish the tiles with a clean, dry cloth leaving the joints flush with the tile.
- Moisten the joints with a wet sponge 24 hours after grouting.
## Technical Data

<table>
<thead>
<tr>
<th>Product Range</th>
<th>Maxi Tile Mortar</th>
<th>Maxi Tile Paste</th>
<th>Maxi Tile Grout</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>General purpose cementitious tile adhesive</td>
<td>Ready mixed tile adhesive</td>
<td>Economical water resistant tile grouting</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Natural grey and natural white</td>
<td>Off white</td>
<td>White and grey (for coloured grouts use Terragrout)</td>
</tr>
<tr>
<td><strong>Mixing Ratio</strong></td>
<td>6 – 7 liters of water per 25kg bag</td>
<td>n/a</td>
<td>1 to 1.2 liters of clean water to 4kg of powder</td>
</tr>
<tr>
<td><strong>Consumption Rates</strong></td>
<td>0.85kg /m² per 1mm layer using a notched trowel method, which may vary depending upon substrate type</td>
<td>3.0 – 5.0 kg depending on tile and base</td>
<td>0.5 to 1.0kg /m² depending upon with of tile joint and thickness of tiles</td>
</tr>
<tr>
<td><strong>Tensile adhesion strength (Pull off strength) BS 5980:1980</strong></td>
<td>≥0.4 N/mm²</td>
<td>≥0.5 N/mm²</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>Pot Life</strong></td>
<td>1 hour</td>
<td>n/a</td>
<td>1 hour</td>
</tr>
<tr>
<td><strong>Ready for grouting</strong></td>
<td>12 hours</td>
<td>12 hours</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>Temperature resistance</strong></td>
<td>Not affected by frost and withstands peak temperatures of 140°C and permanent exposure of +80°C</td>
<td>Not affected by frost and withstands peak temperatures of 120°C</td>
<td>Weather resistant</td>
</tr>
<tr>
<td><strong>Toxicity</strong></td>
<td>Non-toxic</td>
<td>Non-toxic</td>
<td>Non-toxic</td>
</tr>
<tr>
<td><strong>Packaging</strong></td>
<td>20kg and 25kg bags</td>
<td>5kg and 25kg plastic pails</td>
<td>10kg and 25kg bags</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>6 months in original unopened bags/pails when stored according to manufacturer’s instructions</td>
<td>12 months in original unopened bags/pails when stored according to manufacturer’s instructions</td>
<td>6 months in original unopened bags/pails when stored according to manufacturer’s instructions</td>
</tr>
</tbody>
</table>

## Colours

- Red: 456
- Grey: 450
- Pink: 258
- Cream: 413
- Beige: 423
- Blue: 465
- Green: 440
- Brown: 640
- Black: 410

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