

## **Tilo Bond TG**

**Polymer modified water repellent grout for interior & exterior, floor & wall joints**

### **Product Description**

Tilo Bond TG is cement based tile joint filler designed for use with most ceramic tiles, vitrified tile, marble, granite, mosaic and natural stones. It is formulated using anti-bacterial and anti-fungus materials to prevent formation of molds and mildew. It has a strong water repellency which reduces water absorption. It is easy to use and suitable for internal and external wall and floor applications.

### **Features**

- Economical to use
- Prevents water seepage
- It is recommended for use on tile joints of 1-6mm width
- Prevents cracks during movement
- For best results, use spacers and keep a minimum 2mm joints between tiles
- Good adhesion and prevents de-bonding

### **Direction for Use**

#### **Surface Preparation**

All tiles and joints must be clean and free from loose particles. Grouting should be done after tiles have set for 24 hours.

#### **Application**

- Approximately 2.5 parts TILO BOND TG to 1 part of clean water ( measured by volume ) in a clean non absorptive container whilst stirring. Mix thoroughly to give a smooth, lump free, pasty consistency.
- Allow to rest for 5 minutes and re stir before use
- Dampen tile joints with a sponge or brush and remove excess water on areas to be grouted.
- Fill joints uniformly by applying enough pressure on rubber faced float or squeegee while spreading the paste diagonally across tile joints.
- Wait for 30 – 45 min to set grout
- Remove excess grout using a sponge ( 45 to 60 min )
- After drying about 3 hours clean the tiles using a dry cloth.
- Allow foot traffic on grouted areas only after 24 hours.

## Technical Parameters

Bulk density	1.10 – 1.20 gm/cc
Pot life	60 minutes
Foot traffic	24 hours Heavy traffic 72 hours
Setting Time	Initial 1 – 2 hours Final 3 – 4 hours
Recommended Tile joint width	1- 6 mm
Compressive strength @ 28 days	> 15 Mpa

## Coverage

Coverage depends on tile size, joint width and depth.

$$\text{Approximate coverage} = \frac{(L + B) \times W \times D \times 1.2}{(L \times B)} \quad \text{kg/m}^2$$

Where L = Length of tile (mm), B = Breadth of tile (mm), W = Width of joint (mm),

D = Thickness of the tile (mm)

e.g. For ( 600 + 600 x 8 mm ) with 5 mm wide joint

$$\text{Coverage} = \frac{(600 + 600) \times 5 \times 8 \times 1.2}{(600 \times 600)} = 0.16 \text{ kg/m}^2$$

## Packaging

1 kg , 20 kg

## Shelf Life

Factory sealed packs of this product are guaranteed to be of first quality for 1 year if stored off the ground in a dry area.