



MASTER CHEMICALS TECHNOLOGY

# MC- Tile Weld

## Adhesive Mortar and Grouting for floor tiling

### Description:

MC – Tile Weld is sand – cement based powder blended with special balanced additives and modified with synthetic resins , ready to use after mixing with water .

### Uses:

MC – Tile Weld is used as adhesive for :

- ◆ Tile fixing for external and internal floors and walls .
- ◆ Plaster board fixing , without preparation .
- ◆ Ceramic and mosaic .

### Advantages:

- ◆ Quick setting by thin – bed method .
- ◆ Strong adhesion .
- ◆ No tile sag .
- ◆ Water – resistant ( can be used for swimming pools ) .
- ◆ Easy to use .

### Technical Data:

Color	: grey or white powder
Density	:1.6 gm/ cm <sup>3</sup>
Working time	:30-40 min .
Available time for adjusting tiles	:10-15 min.
Mixing	:25kg powder : 8 ± 0.5 liter of water
Consumption <i>for tiling</i>	:Approx 1.1 : 1.5 kg / m <sup>2</sup> (Rought substrates will increase consumption by 20 to 50 %)
<i>for Grouting</i>	:600 gm /m <sup>2</sup> (20 × 20cm tiles & 0.6×0.6 cm joints
Shelf life	:12 months under dry storage conditions in closed bags
Packaging	:25 kg paper pags

## **Method Statement :**

### **Surface preparation**

Surface to be tiled should be flat , throughly clean and free from grease , dirt , dust and unsound material .

**M C - Tile Weld** can not be used with non – porous surface , like painted concrete , plastics, metals or woods .

### **Mixing**

**M C - Tile Weld** is mixed with water , as the ecommended mixing ratio , and stirred well to achieve the consistency of tilling mortar .

### **Method of application :**

- ◆ Use special notched steel trowel with interchangeable blades .
- ◆ Apply an even layer of **M C - Tile Weld** with flat edge of trowel .
- ◆ Progressively rib the layer with the notched edge of trowel .
- ◆ Apply the tiles while ribs are still wet and tacky so as to secur maximum bond strength .

*For more details contact **Master Chemicals Technology** technical department*

*Or visit our website [www.mc.com.eg](http://www.mc.com.eg)*

---

**Master Chemicals Technology**

11 Ahmed Kamal str, - Heliopolis

Tel / Fax : 26244491 / 26244492

Mob : 01001615868