



# CONMIX LTD.

## TILE JOINT FILLER - TJF

### Multi featured tile grout...

TJF is a dry pre mix, waterproof cement based tile joint filler for internal and external use, available in a variety of colours, in Grade 'A' joints upto 5mm and in Grade 'B' joints from 5-12 mm, for wall and floor tiling.

#### TECHNICAL DATA

<b>Composition</b>	: White Portland Cement, special fillers, non-fading pigments and chemical improving agents including powder polymers
<b>Binder</b>	: White Portland Cement
<b>Aggregate Size</b>	: < 0.1 mm for Type A, < 0.2 mm for Type B
<b>Appearance</b>	: Powder available in different colours
<b>Mixing Ratio</b>	: Type A : 8.5 ltrs of water per 25 kg bag Water/Powder ratio = 0.34 Type B : 8 ltrs of water per 25 kg bag Water/Powder Ratio = 0.32
<b>Approx. Yield/Coverage *</b>	: Type A = 18.5 ltrs per 25 kg bag; Type B = 18 ltrs per 25 kg bag; Coverage depends on tile size
<b>Density *</b>	: Wet : 1.8 kg/ltr Dry : 1.7 kg/ltr
<b>Compressive Strength *</b>	: 22 N/mm <sup>2</sup> @ 28 days
<b>Flexural Strength *</b>	: 3.0 N/mm <sup>2</sup> @ 28 days
<b>Pack Size</b>	: 25 kg paper bags, 2 kg plastic pouch
<b>Shelf Life</b>	: 12 months from date of production when stored under dry conditions
<b>Working Time</b>	: Approx. 30 minutes
<b>Curing</b>	: 48 hours by potable water
<b>Specification</b>	: BS5385-1, ANSI118.6, DIN:18156

\* Typical results under laboratory condition

#### APPLICATION METHOD

##### BACKGROUND

The tile joints must be clean, free of dust deposits and other contaminations which may affect the adhesion.

The suction in the background should be neutralized by applying potable water.

There should be no free water in the joints to be grouted as this could lead to de-bonding.

#### Application tools





## **MIXING**

TJF supplied in 25 kg bags must be mixed with potable water only, in a clean, non-corrosive, uncontaminated receptacle.

To ensure a homogeneous and uniform mix, an electric agitator must be used.

The amount of water to be added is:

8.5 ltrs per 25 kg bag (i.e. approximately 34% by weight) for TJF - Type A.

8 ltrs per 25 kg bag (i.e. approximately 32% by weight) for TJF - Type B.

The amount of water added should be constant for every batch.

Add TJF to water, turn the contents of the bag carefully adding small amounts at a time into the receptacle. Stir frequently and mix again before applying. No further water should be added to mix. The mixed mortar must be used within 30 minutes.

Hard and set mortar should not be re-mixed or used.

## **APPLICATION**

Conmix TJF is to be applied within the tile joints using a rubber spatula, taking care to ensure that the grout is well compacted into the joints. The excess material on the surface of the tile should be removed using a dry cloth. The grouting should be carried out in accordance to the relevant standards and code of practice.

Conmix demonstration team will assist in these procedures upon request.

## **SPECIAL NOTES**

Grouting should commence only after the tile glue / adhesive has dried out completely. The applied Tile Joint Filler should be properly cured.

## **STORAGE**

Conmix TJF must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.