



O.A.M
TRADING

FIIXO WATERPROOF GROUT



PURPOSE

FIIXO WATERPROOF TILE GROUT is a specially formulated cement based polymer modified grouting compound designed to point tile joints up to a width of 8mm. This class leading product incorporates additives to improve flexural strength, increase abrasion resistance, minimise shrinkage, reduce dirt pick-up and increase water resistance.

FIIXO WATERPROOF TILE GROUT is suitable for both wall and floor as well as interior and exterior applications. For the grouting of tiles in intermittently wet areas as well as in underwater conditions i.e. swimming pools and showers.

MIXING INSTRUCTIONS

1. Empty contents into a suitable container and slowly add cold water in the following ratios:

- i. 1.5 Lt of water per 5 Kg bag of grout
- ii. 6 Lt of water per 20 Kg bag of grout

2. Mix to a creamy consistency. The use of an electric drill and paddle is recommended to ensure thorough mixing.

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SURFACE PREPARATION

(These recommendations are in accordance with the SABS standard SANS 10107:2011 – The design and installation of ceramic tiles.)

1. The tile adhesive should be completely set before grouting can take place.
2. Ensure that joints to be grouted are sound (no cracks or crumbling), clean, free of dust and contaminants.
3. Ensure that the joints are free of excess tile adhesive.
4. Grout joints should be slightly moistened but not wet.

APPLICATION

1. Apply FIIXO WATERPROOF TILE GROUT liberally to the surface and work into the joints with a grout squeegee taking care to completely fill the joint.
2. Remove excess grout and level the surface by moving the grout squeegee diagonally across the joints while the mix is still fresh.
3. Allow the grout to harden for 1 - 2 hours before removing the excess grout residue from the tiles with a damp (but not wet) sponge. Rinse the sponge frequently to achieve the best results.
4. Once the grout has completely set (after 24 Hrs), polish the tiles with a dry soft cloth. A wet cloth will not remove the thin film of grout residue.

COVERAGE

Since the coverage of this product is dependent upon the dimensions of the joints, the amount of grout required can be accurately determined by the following formula:-

Kg of grout per Square meter =

$$(A + B) \times C \times D \times 1.7 (A \times B)$$

Where

A = length of the tile in mm

B = width of the tile in mm

C = thickness of the tile in mm

D = average width of the joint in mm

As a guide, on average a 5 Kg bag of grout will grout an area of 8 - 10 m²

PRECAUTIONS

1. Ensure that the above instructions are adhered to at all times and do not adulterate the product in any way as this could result in failure.
2. Rubber gloves should be used when applying FIIXO WATERPROOF TILE GROUT. In the event of irritation, rinse skin under cold water. Consult a doctor if irritation persists.
3. Do not ingest and do not empty surplus adhesive down drains.

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TECHNICAL DATA (typical values)	
Conforms to standards:	– European EN 13888 such as CG2WA – ISO 13007-3 such as CG2WAF
PRODUCT IDENTITY	
Consistency:	fine powder
Colour:	34 colours from the FIIXO Grout range
Bulk density (kg/m ³):	1,400
Dry solids content (%):	100
EMICODE:	EC1 Plus - very low emission
APPLICATION DATA (at +23°C - 50% R.H.)	
Mixing ratio:	100 parts FIIXO Grout with 20-26 parts water, dependent on the colour
Consistency of the mix:	fluid paste
Density of mix (kg/m ³):	1,980
pH of mix:	approx. 11
Pot life of mix:	20-25 minutes
Application temperature range:	from +5°C to +35°C
Grouting after installation:	
– on walls bonded with normal adhesive:	4-8 hours
– on walls bonded with fast-setting adhesive:	1-2 hours
– on walls with mortar:	2-3 days
– on floors bonded with normal adhesive:	24 hours
– on floors bonded with fast-setting adhesive:	3-4 hours
– on floors with mortar:	7-10 days
Waiting time for finishing:	15-30 minutes
Set to light foot traffic:	approx. 3 hours
Ready for use:	24 hours (48 hours for basins and swimming pools)
FINAL PERFORMANCES	
Flexural strength after 28 days (N/mm ²) (EN 12808-3):	9
Compressive strength after 28 days (N/mm ²) (EN 12808-3):	35
Flexural strength after freeze/thaw cycles (N/mm ²) (EN 12808-3):	9
Compressive strength after freeze/thaw cycles (N/mm ²) (EN 12808-3):	35
Abrasion resistance (EN 12808-2):	700 (loss in mm ³)
Shrinkage (mm/m) (EN 12808-4):	1.5
Water absorption (g) (EN 12808-5) after 30 minutes:	0.1
Water absorption (g) (EN 12808-5) after 4 hours:	0.2
Resistance to solvents and oil:	excellent
Resistance to alkalis:	excellent
Resistance to acids:	good resistance to acids with pH > 3



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