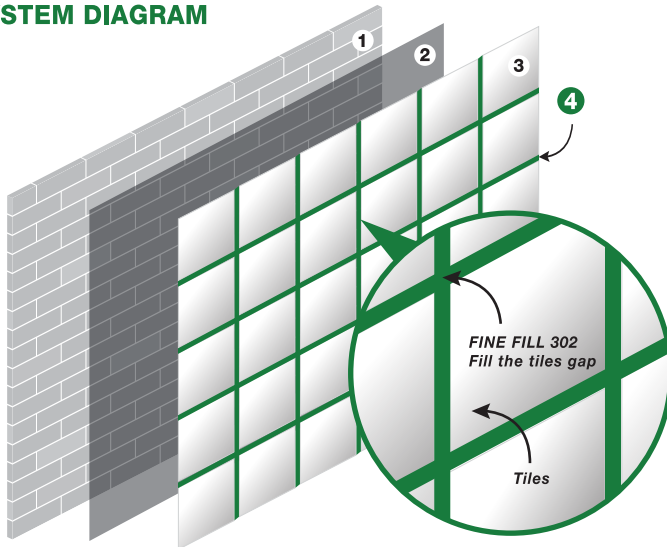




FINE FILL 302

Narrow Tile Gap Filling Compound

SYSTEM DIAGRAM



1. Substrate
2. Tile Adhesive

3. Tiles
4. Fine Fill 302

DESCRIPTION

Coloured cementitious tile grout for 1 – 6 mm tile gap filling which comply with EN 13888 CG2A.

USES

- 1 – 6 mm width tile gap filling compound for wall and floor
- Internal and external tile grout include long term water immersion area

BENEFITS

- Decoration to tiling with different colour
- High abrasion resistance
- Low shrinkage to reduce crack
- Mould resistance
- Use of inorganic pigment which avoid decolouration

COMPLIED STANDARD

- EN 13888 : 2009
- MS ISO 13007 - 3 & 4 : 2010
- BS 5980

TECHNICAL PROPERTIES

Technical Properties	Value
Compressive Strength	$\geq 15 \text{ N/mm}^2$
Flexural Strength	$\geq 3.5 \text{ N/mm}^2$
Water Absorption	$< 5\text{g}$
Linear Shrinkage	$< 1 \text{ mm/m}$
Resistance to Mould Growth	No mould growth
Abrasion Resistance	$< 1,000 \text{ mm}^3$

RECOMMENDATION

- Use sponge trowel can obtain the best grouting performance
- Apply the **Fine Fill 302** in diagonal direction which assist to press the material to the gap
- Wet cleaning cloth should be squeezed out most water. Too much water in cleaning may cause colour variation

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Approx. 25kg



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PHYSICAL FEATURES

Physical Properties	Feature
Water Demand	7 – 8 L (28 – 32%)
Consumption	1.3 kg/m ² /mm
Binder	Cement, Polymer Powder, Green Binder
Filler Size	< 0.3 mm
Application Gap Width	1 - 6 mm
Open Time	20 mins
Pot Life	1 hour

Consumption of Tile Grout on a tiling area $\left(\text{in } \frac{\text{kg}}{\text{m}^2} \right)$

$$= \frac{\text{Tile Length} + \text{Tile Width}}{\text{Tile Length} \times \text{Tile Width}} \times \text{Tile Thickness} \times \text{Gap Width} \times 1.3$$

APPLICATION

SUBSTRATE PREPARATION

- Tiling work should be finished after 8 hours
- Ceramic tiles and mosaic tiles should be washed clean and free from glue, paper and any other contamination
- Dampening of tile gap is recommended prior to the application in hot climate

MATERIAL PREPARATION

- Mix 1 bag of 25kg **Fine Fill 302** with 7 – 8 L water for at least 3 minutes by electrical mixer until homogeneous
- Press the material into the tile gap diagonally by sponge trowel
- Remove as much as possible the excess material on the tile surface
- After 30 minutes, tile and **Fine Fill 302** surface can be cleaned by wet cloth or sponge

CURING

- Natural air curing is sufficient

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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