



ARDEX FG 4

Non Sanded tile grout For joints 1- 8 mm

Specified fillers

Modern colour range

Smooth finish, ideal for porcelain tile joints

Coordinates with most tiles, bathroom fixtures

Use in internal and external applications



本企业通过ISO9001:2000质量认证体系



ARDEX FG 4

Non Sanded tile grout for joints 1-8mm

Description:

ARDEX FG4 is a smooth, non-sanded flexible, mould resistant, cement-based coloured tile grout. Available in a range of colours, ARDEX FG4 grout includes two grades for tiling joints of 1 mm to 8 mm wide (at surface of the tile joint). Mix with Grout booster when using in swimming pools.

Features/ Benefits:

Features	Benefits
Specified fillers	smooth finish, ideal for porcelain tile joints
Polymer modified (flexible)	accommodates normal building movement
Modern colour range	Coordinates with most tiles, bathroom fixtures.
Cement-based	Use in internal and external applications

MIXING

Approximately 3 litre of water per 10Kg bag. Mix with clean, drinkable water until a firm minimum slump paste is obtained.

Application

Prior to grouting, check ease of cleaning of tiles that have a textured or matt surface.

- Work grout diagonally into the joints using a rubber squeegee. Only grout small areas at a time.
- Compact the grout firmly into the joints. Allow grout to firm up in the joint i.e. the grout joint is no longer wet/glossy.
- Remove excess grout from the surface of the tiles with a damp, small-pored sponge working diagonally across the joint. Rinse sponge frequently in clean water. Use a minimum amount of water during clean up to shade variation and shrinkage.
- Once the ARDEX FG4 grout has sufficiently hardened in the joints, polish the tile surface with a clean dry cloth. In exterior conditions provide protection from extremes of climate during the application process and for as long as possible afterwards.

Tip: Using a minimum amount of water in the mixing and clean up will reduce primary efflorescence. Using Grout Booster will also reduce the likelihood of efflorescence and is recommended in coastal areas.

Drying time

Approximately 24 hours, at 23°C and 50% relative humidity; dried by moisture evaporation. If the grout is to be sealed, allow at least 14 days before sealing.

Clean

Clean up tools with water before the compound dries.

Packaging/ Shelf life:

10kg/ bag

6 months when stored in the original unopened packaging, in a dry place at 25°C and 50% relative humidity.

Coverage

Coverage will vary according to the size of tile and thickness of joint width, as well as the method of application. Consumption can be calculated as follow:

$$\frac{(\text{length}(\text{mm}) + \text{breadth}(\text{mm})) \times \text{width}(\text{mm}) \times \text{depth}(\text{mm}) \times 1.8}{(\text{length}(\text{mm}) \times \text{breadth}(\text{mm}))}$$

= the result is in kg/m²

Product limitations

- ARDEX FG4 is not suitable for expansion or movement joints or chemical resistant joints.
- ARDEX FG4 is not suitable for expansion or movement joints or chemical resistant joints.
- In swimming pools mix with diluted ABA 650. V. Use white grout as colours may bleach over time. Allow 14 days before filling the pool.
- ARDEX FG4 is not guaranteed against shade variations and efflorescence caused by factors beyond its control, including nature of cement, job site conditions, finishing techniques and uneven drying conditions.

ARDEX FG 4

Non Sanded tile grout for joints 1-8mm

Technical Data:

Product Properties: (@25±2°C and 60±10% RH)

Appearance:	powder
Colour:	various
Bulk Density:	Approx. 1.39 kg/litre
Applications:	
Initial set:	4 hours 30 minutes
Final set:	5 hours 20 minutes
Pot Life:	1 hour 30 minutes

Technical Data:

Testing Methods	Condition	Condition	Specific requirement
Compressive Strength	ASTM C109	28 days air curing	> 21 Mpa
Flexural Strength	ASTM C348	28 days air curing	> 4 Mpa
Water Absorption	ASTM C413	28 days air curing	< 6%
Tensile Strength	ASTM C190	28 days air curing	> 2.2 Mpa
Adhesive Strenght	ASTM D4541	28 days air curing	> 0.8 Mpa
Abrasion	ASTM D4060	28 days air curing	<0.35g(50rpm,#H22 wheel)
Fungi Test	ASTM G21	28 days air curing	No Growth
EN13888/ISO13007	EN Classification	CG1	CG1