



ARDEX FG 3

Sanded tile grout For joints 5-10 mm

Optimized water demand

Modern colour range

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



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ARDEX FG 3

Sanded grout for tile grout for joints 5-10mm

Description:

ARDEX FG3 is a cement-based tile grout for use with all types of tiles with joint widths between 5mm and 10mm wide. It is suitable for grout joints in internal and external situations.

Features/ Benefits:

Features	Benefits
Optimized water demand	Fill wide joints up to 10mm without shrinking
Modern colour range	Coordinates with most tiles, bathroom fixtures.
Cement-based	Use in internal and external applications



MIXING

Mix with clean, drinkable water until a firm, low slump paste is obtained. For best results use a minimum amount of water (5.5~5.75L per 25kg of powder).

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 FG3 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 25°C and 50% relative humidity; dried by moisture evaporation.

Clean

Clean up tools with water before the compound dries.

Packaging/ Shelf life:

25kg/ 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

- Porous face tiles e.g. terracotta, should be sealed prior to grouting to prevent staining.
- ARDEX FG3 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 FG3 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.

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Technical Data:

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

Appearance: powder
Colour: various
Bulk Density: Approx. 1.45 kg/litre
Fresh Mortar: Approx. 1.85 kg/litre
Applications:
Working Time: >1.5 hours Drying Time: 24hours

Technical Data:

Testing Methods	Condition	Condition	Specific requirement
Compressive Strength	ANSI 118.6	28 days air curing	> 21.5 Mpa
Flexural Strength	ANSI 118.6	28 days air curing	> 3.5 Mpa
Water Absorption	ANSI 118.6	28 days air curing	< 7%
Tensile Strength	ASTM C190	28 days air curing	> 2.2 Mpa
Shrinkage Test	ASTCM C531	28 days air curing	< 0.2%
EN13888/ISO13007	EN Classification	CG1	CG1