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# ARDEX FG 4

## Fine Joint Tile Grout

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Available in ARDEX standard colors

Smooth and fine texture finish

Easy to apply and clean off

For use on floors and walls, both internal and external applications

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## Fine Joint Tile Grout

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### DESCRIPTION

ARDEX FG 4 (standard version) is suitable for grouting wall or floor tile joints from 1mm to 6mm wide, while ARDEX FG 4(S) is suitable for 1–3mm. The ARDEX FG 4 powder, when mixed with water, produces a soft, creamy, easily worked mortar with good filling properties, enabling deep joints to be filled in one operation. The hardened grout is weather resistant, unaffected by water and is suitable for internal and external use in dry or wet conditions, including swimming pools with non-aggressive water conditions. The surface of the hardened grout has a textured finish and is not impervious.

**NOTE:** That where chemical spillages or corrosive liquids are likely to be in contact with the tile joints, use ARDEX epoxy grout.

In light duty areas ARDEX E 50 Grout Additive may be incorporated in the ARDEX FG 4 to produce a mortar with elastic and water repellent properties. This is particularly useful when grouting tiles fixed to timber, see data sheet, or when tiling domestic floors and around swimming pools.

### PREPARATION

Ensure tiles are firmly fixed and joints are clean, free of dust, excess adhesive and bedding mortar, etc.

### MIX PROPORTIONS

25kg ARDEX FG 4 (standard version) requires approximately 7.5–8.0 litres of water, while 25kg ARDEX FG 4(S) requires approx. 8.5L liters of water.

### MIXING

To the required amount of clean water in a clean mixing container add the powder whilst stirring thoroughly until a creamy, easily worked mortar is obtained. The mixed grout has a working time of more than 1 hour at 20° C.

Higher temperatures shorten the working time.

**NOTE:** Certain types of tile may be prone to surface discoloration or scratching when using this grout, e.g. some natural stone or absorbent, textured or soft glazed ceramic tiles. Consult the tile manufacturer/distributor for advice. If in doubt carry out a trial application. Additional information on natural stone products may be found in our natural stone tiling guide.

### APPLICATION

Using a rubber squeegee, work the mixed grout thoroughly into the joints ensuring they are completely filled. Excess grout should be removed as work proceeds and any residues left on the tile face can be removed by wiping off with a damp sponge between 15 minutes and 2 hours after application. Any dry film remaining on the tile surface can easily be removed by polishing off with a dry cloth when the grout has hardened in the joints. Apply at temperatures above 10° C.

### PACKAGING

ARDEX FG 4 is packed in either plastic bucket – net weight 4kg, or paper sacks incorporating a polyethylene liner – net weight 25kg

### STORAGE AND SHELF LIFE

ARDEX FG 4 must be stored in unopened packaging, clear of the ground in cool dry conditions and be protected from excessive draught. If stored correctly, as detailed above, the shelf life of this product is 12 months from the date shown on the packaging.

### TECHNICAL DATA

Water ratio:	31%(standard version), 34%(S version)
Can walk on:	24 hrs
Compressive strength:	>30MPa
Flexural strength:	>7MPa
Abrasion resistance:	≤ 1000mm <sup>3</sup>
Classification:	CG2A (JC/T 1004-2017)

### PRECAUTIONS

ARDEX FG 4 contains more than 20% Portland cement and, in line with current legislation, is classified as irritating to eyes and skin. For this reason the following precautions should be observed:–Avoid contact with skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children. Avoid generation of airborne dust during mixing.

**NOTE:** For further information, consult the relevant health and safety data sheet.