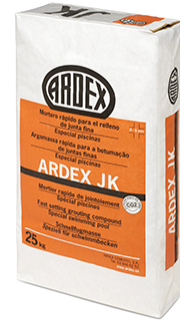




# ARDEX JK

## Rapid Setting Flexible Fine Grout

- Rapid hardening - receives foot traffic in 90 minutes
- No colour variation or streaking during mixing
- For tile joints 1mm-8mm wide
- Water repellent and dirt resistant
- Easy to apply and clean off the tile surface
- Better chemical resistance compared to standard cementitious grouts
- Ideal for commercial and domestic environments such as swimming pools, showers and kitchens



### DESCRIPTION

ARDEX JK is a rapid setting cementbased grouting compound with excellent flexible and water repellent properties, without the need to add a separate admix.

### USE

The TS EN classification for ARDEX FG FLEX is CG2, an "improved cementitious grout". ARDEX JK is suitable for grouting joints from 1mm to 8mm wide, between porcelain, ceramic, non-moisture sensitive natural stone and quarry tiles, as well as extruded tiles and glass blockwork.

The hardened grout is weather resistant, unaffected by water and can be used for internal and external tiling in dry and wet locations, including swimming pools.

ARDEX JK can be applied to both wall and floor tile joints. The freshly applied grout mortar can receive foot traffic after 90 minutes at 20°C.

ARDEX JK has a better chemical resistance compared to standard cementitious grouts. Nevertheless prefer either ARDEX WA Epoxide Adhesive and Grout or ARDEX RG 12 Epoxide Adhesive and Grout where chemical spillages or corrosive liquids are likely to be in contact with the tile joints.

### PREPARATION

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

### MIXING

Add the ARDEX JK powder to the required amount of clean water in a clean container, whilst stirring thoroughly until a creamy, easily worked mortar is obtained. The mortar can be adjusted to a thicker consistency when grouting wall tiles with joints wider than 10mm.

The mixed grout has a working time of approximately 30 minutes at 20°C. Higher temperatures will shorten and lower temperatures will extend the working time.

### APPLICATION

Using a rubber squeegee or rubber backed trowel, work the grout thoroughly into the joints, ensuring that they are completely filled. Excess grout should be removed as work proceeds, any residues left on the tile face can be removed by wiping off with a damp sponge, up to 30 minutes after application. If an area is left for more than 30 minutes prior to cleaning, the grout residues may require moistening in order to make wiping off easier. The use of a fine mist from a suitable spray bottle will help in emulsifying the grout residues on the tile surface. Any dry film left remaining on the tile surface after cleaning can easily be removed by polishing off with a dry cloth when the grout has hardened in the joints.

Apply at temperatures above 5°C.



# ARDEX JK

## Rapid Setting Flexible Fine Grout

**NOTE:** Some ceramic, vitrified, porcelain and natural stone tiles, or tiles with textured, matt glazed or porous surfaces, may be susceptible to surface discolouration during grouting. A trial application should be carried out to ascertain if discolouration is likely. For natural stone that may be susceptible to water staining, ARDEX MG Rapid Drying Marble and Natural Stone Grout should be considered. Where necessary, particularly when using intense grout colours, apply a protective treatment to the tile face to ensure the grout is not retained in the surface porosity/texture of the tile.

### PRECAUTIONS

ARDEX JK contains more than 20% Portland cement and, therefore, 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.

### DISPOSAL

Dispose of waste and residue in accordance with local authority guidelines. For further information, consult the relevant Health and Safety Datasheet.

**NOTE:** Where acid based cleaning products are to be used on the hardened grout, we recommend that the product is first tested on the wetted grout before application, to ascertain the resistance of the colour/grout. Thorough rinsing off is required to remove any residues of the acidic cleaner to prevent discolouration/ damage to the grouted joint. Where acidic cleaners are routinely used, consideration should be given to using ARDEX RG 12 1-6 Epoxide Adhesive and Grout.

\*Due to the production process all colours are approximate. Grout colours may vary when dry, depending on the type of tile installed, substrate and installation conditions.

### Technical Data According To ARDEX Quality Standards

Mixing Ratio	950 ml water for 5 kg powder 3,80 lt water for 20 kg powder Values are approximate
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Bul density:	approx. 1,3 kg/l
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Weight fresh of mortar:	approx. 2,1 kg/l
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#### Consumption:

For 3mm width, 5mm depth

For 30 x 30 cm tiles approx. 0,20 kg/m<sup>2</sup>

For 15 x 15 cm tiles approx. 0,40 kg/m<sup>2</sup>

For 10 x 10 cm tiles approx. 0,60 kg/m<sup>2</sup>

For 5 x 5 cm tiles approx. 1,10 kg/m<sup>2</sup>

Working time / Pot life*:	approx. 30 minutes
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Walkability*:	approx. 90 minutes
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\*All data is approximately based on laboratory test made at a temperature of +20°C and relative humidity of %65. Environmental conditions may change these values. Higher temperatures and lower relative humidity decrease these duration whereas lower temperature and higher relative humidity increases them.

Brinell Hardness	After 1 day 40 N/mm <sup>2</sup> After 3 days 60 N/mm <sup>2</sup> After 7 days 80 N/mm <sup>2</sup> After 28 days 100 N/mm <sup>2</sup>
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Suitable for underfloor heating:	Yes
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EMICODE	EC1 <sup>Plus</sup> , Very low emissions
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GHS/CLP classification:	GHS05, Corrosive
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GGVSEV/ADR classification:	None
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Packaging:	5 kg paper bag or 20 kg paper bag
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Storage and Shelf life:	ARDEX JK 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.
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Recommended mixing paddle:

