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# ARDEX JK

## Fast setting grout for narrow joints

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For the grouting of ceramic tiles, mosaic and non-moisture sensitive natural and concrete stones

Cement based

For joint width from 1- 8 mm

Specially design to be used in pools

Crack free

Walkable after 90 minutes



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ISO 9001 certified company

# ARDEX JK

## Fast setting grout for narrow joints

### Areas of application:

For the grouting of ceramic tiles, glass tiles, non-moisture sensitive natural and concrete stones, mosaic made of glass, porcelain and ceramics

Internal and external wall and floor.

For joint width from 1 – 8 mm.

Especially suitable for damp and wet areas, notably for showers and pools.

### Description:

Powder based on cement, special fillers and additives.

Grain size lower than 0,25mm.

When mixed with water the result is a supple, paste-like mortar, which can be worked in easily into the grout line and can be cleaned easily.

The mortar has a fast setting time, is not flammable, it adheres strongly and without cracks.

The grouted joints are quickly practicable.

The surface of the grout line will stay crack free.

### Application:

Clear Water is put into a clean mixing container and ARDEX JK grouting compound is mixed in to give a lump free creamy mortar.

Mixing ratio:

25kg ARDEX JK powder: approx. 5 litres of water.

At a temperature of + 20°C the mortar is workable for approx. 30 minutes. Higher temperatures shorten the working time higher temperatures lengthen it.

The mortar can easily be inserted into the joints by means of a rubber trowel or squeegee

Even deeper joints can be filled in one single operation without any collapsing. The quick setting time allows an early washing, without removing the joints by water.

After the final set the areas can be cleaned with a damp sponge or sponge float. Remaining cement films can be cleaned that with a damp sponge.

If in doubt invest in trials.

ARDEX JK should be used at temperatures between +5°C and +30°C.

### Pay attention to the following:

Grouting material residue can collect in porous surfaces on onto matt glazes of tiles. Carrying out test grouting with such coverings is therefore indispensable.

If the grout lines are to be cleaned with acids the joints must be soaked with water beforehand.

Substrate moisture and differing absorbency in the tile flanks can cause colour differences in the joints.

For tiles prepared in a thick bed mortar, the mortar must be dry enough to get a homogeneous absorption capacity on the surface of the grout and largely avoid the colour tone variations. Although ARDEX JK is a joint specially designed for swimming pools and has a greater chemical resistance than other joints, it is still a cementitious joint, therefore a correct pH control of the pool water is essential since, if this is excessively low repeatedly, premature wear of the joint will occur.

In public swimming pools, medicinal baths, hot springs and other pools subjected to great chemical stress, it is recommended to use the epoxy resin mortar ARDEX WA.

For moisture sensitive natural stones ARDEX MG should be used. If in doubt invest in trials.

### Precautions:

Contains cement, Reacts alkaline – so protect skin and eyes, In case of contact wash thoroughly with water. In case of eye contact also consult a doctor. Keep out of reach of children.

Wear appropriate protection gear such as safety glasses.

Physiologically and ecologically safe when in cured state.

**GISCODE ZP1 = product contains cement, low chromate content.**

### Technical Data

(According to ARDEX quality standards)

Mixing ratio:	5 litre of water : 25 kg powder; 1 vol. water : 4 vol. powder
Bulk density:	Approx. 1,3 kg./litre
Fresh mortar density:	Approx. 2,1 kg./litre
Consumption:	Joint width 3 mm, depth 5 mm For tiles and mosaic of: 30 x 30 cm approx. 0,20 kg./m <sup>2</sup> 15x15 cm approx. 0,40 kg./m <sup>2</sup> 10x10 cm approx. 0,60 kg./m <sup>2</sup> 5x5 cm approx. 1,1 kg./m <sup>2</sup>  Depending of the surface of the tile allow up to 0,05 to 0,10 kg/m <sup>2</sup> for additional material
Working time (+20°C):	Approx. 30 minutes
Walkability (+20°C):	Approx. 90 minutes.
Brinell hardness:	After 1 day approx. 40 N/mm <sup>2</sup> After 3 days approx. 60 N/mm <sup>2</sup> After 7 days approx. 80 N/mm <sup>2</sup> After 28 days approx. 100 N/mm <sup>2</sup>
Suitable for underfloor heating:	Yes
Packaging:	25Kg net. bags
Storage:	Can be stored for approx. 12 month in dry rooms in unopened packaging

*We assume the warranty for the perfect quality of our products. Our handling recommendations are based on trials and practical experience; they can, however, only be regarded as general advice without a quality warranty, as we have not influence on work site conditions and the execution of the work.*

*Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.*

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