



ARDEX GK

High load grout

- Frost and de-icing salt resistant
- Resistant to steam jets, high temperatures and standard cleaning agents
- High mechanical strength and abrasion resistance
- Can be walked on after just 1.5 hours



Colours

grey, sand beige

Area of application

Indoor and outdoor. Floor and wall.

For grouting

- Stoneware and porcelain stoneware tiles
- Concrete slabs
- Natural stone slabs (moisture-resistant)
- Split tiles and clinker tiles
- Facade brick slips and glass blocks

in workshops, washing bays, swimming pools, commercial areas, stairways, pergolas, balconies and terraces.

For joint widths from 4 mm.

Art

Powder based on fast-setting cements and special fillers.

Maximum grain size 0.7 mm.

When mixed with water, it forms a smooth, paste-like mortar that is easy to work with. The mortar is not

washable out of wide joints or at low temperatures, does not burn, has high filling power and adheres firmly to the joints. The joints can be loaded early on.

Processing

Pour clean water into a clean mixing container and mix the powder to form a lump-free mortar. Approximately 4 litres of water are required for 25 kg of ARDEX GK powder.

The mortar can be worked for approx. 30 minutes at temperatures between +5°C and +20°C. Higher temperatures shorten the working time. The mortar can be easily applied to the joints with a rubber squeegee or jointing board. Even deeper joints can be filled in a single step without sagging. The short setting time allows early washing without washing out the joints. ARDEX GK High load grout should be applied at temperatures above +5°C.

Please note

Residues of the joint compound can become embedded in porous surfaces or matt glazes on tiles and slabs. It is therefore essential to carry out test grouting on such surfaces.

If acidification is used, the joints must be watered beforehand. Moisture in the substrate and different absorption capacities can cause colour differences in the joints. If necessary, scrape out the joints before applying the joint mortar

Grout. Do not leave a film of water on the joints.

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Manufacturer with certified
QM/UM system according to
EN ISO 9001/14001

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Cement-bound joints are not acid-resistant.

Acidic cleaners containing citric acid, acetic acid or other acids can lead to damage of the joints in the long term. When using such cleaning agents, wet the joints beforehand. It is generally recommended to use neutral or slightly alkaline cleaning agents (Lithofin) for cleaning tile coverings.

In general

In spa facilities, swimming pools and other high-traffic areas, epoxy grouting compounds such as ARDEX WA Epoxifuge or ARDEX RG 12 1-6 Epoxifuge, ultra fine, should be used instead of cementitious tile grouts. For discolouration-free grouting of moisture-sensitive natural stone slabs in interior areas, use ARDEX G 10 PREMIUM Flexible tile grout, or carry out a test grouting to ensure that no permanent edge discolouration occurs when using ARDEX GK High load grout.

Thorough and regular cleaning and maintenance of the joints is essential.

For grouting on thermally stressed surfaces, we recommend using flexible grout.

Note

The information in our safety data sheets must be observed.

For commercial users only!

Additional information

Take care when handling: avoid the formation of dust and its release into the environment.

Dispose of the container and its contents, once they have set, in accordance with the applicable local, regional, national and international regulations.

Technical data according to ARDEX quality standard

Mixing ratio approx.	Component A 4 l water 1 Part water		Component B 25 kg powder 4.25 RT powder
Bulk density approx.	1,50 kg/l		
Fresh weight approx.	2,20 kg/l		
Material requirements			
Applies to	Joint width 10 mm, joint depth 5 mm for tiles		
Material requirement approx.	Length in cm	Width in cm	Consumption
	60	60	0.30 kg/m²
	30	60	0.50 kg/m²
	30	30	0.65 kg/m²
	15	15	1.30 kg/m²
	10	10	2.00 kg/m²
Note	The additional losses due to excess material on the tiles amount to 0.05–0.10 kg/m², depending on the surface finish and working method		
Application properties			
Processing time approx.	30 Minute(s)		
Can be walked on after approx.	90 Minute(s)		
Application Ambient conditions	+20°C		
Mechanical properties			
Ball pressure hardness approx.	Hardness	Time	
	40 N/mm²	After 1 day	
	60 N/mm²	After 3 days	
	80 N/mm²	After 7 days	
	100 N/mm²	After 28 days	
Product details			
Suitable for underfloor heating	Yes		

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Tested according to DIN EN 13888	CG2 A
Labelling according to GHS/CLP	See relevant safety data sheet
Labelling according to ADR	See relevant safety data sheet
EMICODE	EC 1 PLUS = very low emissions PLUS
GISCODE	ZP1 = cementitious product, low chromate content
Packaging	25 kg net bag
Storage	Can be stored in dry rooms for approx. 12 months in the original sealed container.