



ARDEX K 36 NEW

Levelling compound, interior and exterior

- For layer thicknesses of 3-30 mm
- For outdoor and indoor use
- Self-levelling
- Pumpable
- Quickly accessible and ready for installation
- Low tension



Area of application

For indoor and outdoor use, floors.

For filling, levelling and smoothing floor areas indoors and outdoors.

For levelling floors in dry and wet areas, permanently wet areas, underwater areas, on balconies and terraces, for bonding tile coverings, concrete and natural stone slabs.

Art

Grey powder with special cements, easily dispersible plastics, selected fillers and special additives.

The mortar hardens through hydration and drying to form a low-tension mass that virtually eliminates cracking.

Preparation of the surface

The substrate must meet the requirements of ÖNORM B 5236 Planning and execution of floor covering and wood flooring work. In particular, it must be level, permanently dry, solid, load-bearing, free of separating agents and cracks, and resistant to tension and pressure, or it must be prepared accordingly.

Cracks and joints must be filled properly and professionally, e.g. with ARDEX P 10 SR 2-K rapid repair resin or ARDEX FB casting resin.

Calcium sulphate self-levelling screeds must be pre-treated in accordance with the applicable planning and execution guidelines for self-levelling screeds

Suitable primers, such as ARDEX P 52 Concentrated Primer, should be used from the ARDEX range depending on the condition of the substrate.

In underwater areas, a bonding agent such as ARDEX EP 2000 Multifunctional Epoxy Resin with sanding must be applied.

Observe the technical data sheets for the corresponding products.

Processing

Pour clear water into a clean mixing container and stir vigorously, adding enough powder to produce a lump-free, flowing mortar.

Approximately 5.75 litres of water are required to mix 25 kg of ARDEX K 36 NEW powder.

The mortar can be processed at +18°C to +20°C for approx. 30 minutes and can be applied in a single operation in layer thicknesses of 3–30 mm.

For filling on surfaces with a slope of max. 2%, reduce the amount of water added.

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

25.09.2025

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The ARDEX K 36 NEW layers are hard enough to start laying tiles and slabs after approx. 2 hours. For natural stone slabs that are sensitive to moisture, wait until they are dry.

Higher temperatures shorten, lower temperatures extend the processing and setting times.

In case of doubt, carry out a test on a small area.

ARDEX K 36 NEW Levelling compound, interior and exterior, should be applied at temperatures above +5°C.

Pumps

Screw, piston and continuous mixing pumps with a delivery rate of approx. 20 to 40 litres of mortar per minute are suitable for pumping the levelling compound. Cement slurry must not be used as a lubricating fluid. The machine and hoses must be cleaned after periods of inactivity exceeding 30 minutes.

Please note

Protect compound layers from strong solar radiation and premature drying.

Waterproofing with ARDEX waterproofing compounds can be carried out after the surface has dried.

Note

The information in our safety data sheets must be observed.
For commercial use only!

Zusatzinformation

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Mixing ratio approx.	Component A 5.75 l Water 1 Part water	Component B 25 kg powder 3.25 RT powder
Material requirements	1.6 kg powder per m² and mm	
Bulk density approx.	1,30 kg/l	
Fresh weight approx.	2,00 kg/l	
Application properties		
Processing time approx.	30 Minute(s)	
Can be walked on after approx.	2 Hour(s)	
Ready for laying after approx.	Covering Tiles	Duration 2 Hours
Application Ambient conditions	+20°C	
Mechanical properties		
Bending tensile strength approx.	Time After 1 day After 7 days After 28 days	Bending tensile strength approx. 1.5 N/mm² 5.5 N/mm² 6.0 N/mm²
Compressive strength approx.	Time After 1 day After 7 days After 28 days	Compressive strength of approx. 5.0 N/mm² 20.0 N/mm² 25.0 N/mm²
Product details		
Suitable for underfloor heating	Yes	
Labelling according to GHS/CLP	See relevant safety data sheet	
Labelling according to ADR	See relevant safety data sheet	
EMICODE	EC 1 = very low emissions	
GISCODE	ZP1 = cementitious product, low chromate content	

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Packaging	Sacks containing 25 kg net
Storage	Can be stored in dry rooms for approx. 12 months in the original sealed container.

