



ARDEX K 60

Latex based levelling and smoothing compound

- Can be used on many building substrates without primer
- High bonding strength
- Waterproof and moisture resistant
- Ideal for critical substrates, repair and renovation work
- Self-levelling
- Flexible

ARDEX system product: Particularly secure bonding properties with ARDEX floor covering adhesives.



Area of application

Indoor, floor.

Floor levelling compound for levelling and smoothing:

- Cement screed and concrete floors
- calcium sulphate screed
- Old substrates with adhering, waterproof adhesive residues
- Critical mixed substrates
- Chipboard P4 – P7 and OSB 2 – 4 boards
- Wood substrates
- Tongue and groove wooden floorboards
- mastic asphalt screed
- magnesite screed
- Dry screed elements
- Ceramic tiles and slabs
- Terrazzo floors
- and other suitable substrates.

For subsequent installation of textile and resilient floor coverings, design flooring/LVT, rubber coverings, linoleum, PVC and CV coverings, pre-finished parquet and ceramic tiles and slabs.

As a levelling compound in bathroom areas for elastic coverings and pre-finished parquet in combination with ARDEX AF 460 Prefabricated parquet adhesive directly on waterproofing membranes such as ARDEX SK 100 W TRICOM Sealing strip.

Direct levelling on barriers against rising damp ARDEX EP 2000 Multifunctional epoxy resin without sanding the epoxy layer up to a layer thickness of 5 mm and reworking within 24 hours.

As a composite levelling compound directly on concrete floors and raw concrete ceilings to absorb barriers against rising damp such as ARDEX EP 2000 Multifunctional Epoxy Resin when laying appropriate floor coverings in areas of normal use.

Art

2-component floor levelling compound, consisting of powder and latex emulsion

Preparation of the surface

The substrate must be solid, load-bearing, non-slip and free of release agents. Soft or non-adherent adhesive residues must be removed. ARDEX K 60 can be used on many standard substrates without a primer.

Highly absorbent substrates, especially calcium sulphate surfaces, must be pre-coated with ARDEX P 51 Primer and bonding agent, ARDEX P 52 Concentrated primer or ARDEX P 4 READY Multifunctional primer. Critical substrates such as

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

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OSB and screen printing boards, magnesite screeds and unsanded mastic asphalt must be pre-coated with ARDEX P 4 READY Multifunctional Primer or ARDEX PU 30 1-K PU Primer.

If in doubt, create test areas.

Processing

The latex emulsion must be shaken thoroughly before pouring into a clean mixing container. Then stir in the powder vigorously to produce a lump-free mortar. To mix 20 kg of ARDEX K 60 powder, 4.95 kg of ARDEX latex emulsion is required.

For smaller quantities, mix 3 parts powder into 1 part latex. The mortar can be worked for approx. 20 minutes at +10°C to +20°C, with lower temperatures extending the working time and higher temperatures shortening it. On dense substrates or mastic asphalt, a continuous layer of ARDEX K 60 with a minimum thickness of 3 mm and a maximum thickness of 10 mm should be applied. This ensures that the substrate has uniform absorbency for drying the floor covering adhesive.

ARDEX K 60 can be applied unstretched in a single operation with a thickness of 2 to 15 mm. For layer thicknesses up to 30 mm, the mortar must be diluted with screed sand 0–8 mm or with washed and fire-dried sand such as ARDEX Quartz Sand 0.3–0.9 mm fire-dried in a mixing ratio of 1 part mortar to 0.5 parts aggregate.

To level, spread the mixture with a squeegee and then roll it with a spiked roller. The mixture will then level and smooth itself.

Use on mastic asphalt screeds in accordance with DIN 18354, EN 13813, DIN 18560 and ÖNORM B 3732:

ARDEX K 60 is suitable for levelling compounds up to 10 mm thick on mastic asphalt screeds with stamp penetration depths of up to max. 1.5 mm.

Please note

ARDEX K 60 cannot be used outdoors or in permanently wet areas.

ARDEX K 60 latex based levelling and smoothing compound should be applied at temperatures above +5°C.

If in doubt, test areas should be created.

In general

The compound layer must be protected from premature drying due to solar radiation and draft. All tools and mixing containers must be cleaned with water immediately after processing the material.

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 release into the environment.

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

Technical data according to ARDEX quality standard

Mixing ratio approx.	Component A 4.95 kg Latex 1 RT Latex	Component B 20 kg powder 3 RT powder
Material requirements	1.6 kg powder per m² and mm	
Bulk density approx.	1,30 kg/l	
Application properties		
Processing time approx.	20 Minute(s)	
Can be walked on after approx.	2 Hour(s)	
Ready for laying after approx.	Thickness 3 mm 5 mm 10 mm	Duration 12 Hours 24 Hours 48 Hours
Application Ambient conditions	+20°C	
Mechanical properties		
Bending tensile strength approx.	Time After 28 days	Bending tensile strength approx. 4.5 N/mm²
Compressive strength approx.	Time After 28 days	Compressive strength of approx. 15 N/mm²

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Product details

Suitable for underfloor heating	Yes	
Chair castor suitability	Yes	
Labelling according to GHS/CLP	Labelling according to GHS/CLP See relevant safety data sheet See relevant safety data sheet	Component Latex Powder
Labelling according to ADR	Component Latex Powder	Labelling according to ADR See relevant safety data sheet See relevant safety data sheet
EMICODE	EC 1 PLUS = very low emissions PLUS	
GISCODE	ZP1 = cementitious product, low chromate content	
Packaging	Bags containing 20 kg net, canisters containing 4.95 kg net	
Storage	ARDEX K 60 powder can be stored in dry rooms for approx. 9 months in the original sealed container. ARDEX K 60 Latex emulsion can be stored frost-free for approx. 9 months in the original sealed container.	

