



ARDEX AF 2224

Universal adhesive

- Universal adhesive with a wide range of applications
- Suitable for many floor coverings
- High shear strength
- Very low emissions

ARDEX system product: Particularly secure bonding properties with ARDEX levelling compounds, designed for odourless behaviour and clean indoor air.



Area of application

Indoor. Floor.

Dispersion adhesive for bonding:

- PVC and PVC composite coverings in tiles, slabs and sheets
- PVC design coverings in tiles or plank formats
- CV coverings in tiles or plank formats
- Linoleum coverings
- Rubber coverings in sheets and panels up to 2.5 mm
- Textile floor coverings with textile backing, e.g. fleece backing, latex foam or latex-coated backing
- Woven textile floor coverings
- Needle felt coverings
- Quartz vinyl tiles

on absorbent substrates.

ARDEX AF 2224 Universal adhesive is characterised by its universal applicability, its outstanding adhesion spectrum and its good final strength.

Art

Polymer dispersions, modified natural resins, mineral fillers, water, wetting agents, thickening agents, defoaming agents and preservatives.

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Preparation of the surface

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

Filling work is carried out using suitable ARDEX levelling compounds in combination with ARDEX primers.

Processing

The coverings to be bonded must be acclimatised and free of tension. ARDEX AF 2224 Universal Adhesive is applied evenly to the appropriately prepared substrate using a notched trowel.

When laying PVC or rubber coverings, do not apply more adhesive than can be laid during the wet phase of the adhesive.

Low temperatures and higher relative humidity prolong the times and can lead to moisture entrapment. The times specified refer to +20°C and 50% relative humidity.

The adhesive must still be easily wettable and easily compressible. Check the wetting of the covering repeatedly. Lay the floor coverings without air pockets, avoiding seam compression, rub immediately and weigh down if necessary. After approx. 30-40 minutes, roll with a multi-section roller (min. 50 kg).

When bonding diffusion-open floor coverings, the covering can also be laid into the wet adhesive bed. Avoid pockets of

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adhesive during application. The airing time depends on the room climate, substrate and material temperature, absorbency of the substrate and the notched trowel used, and can be up to approx. 15 minutes. The adhesive must still be easily wettable and easily compressible. Check the wetting of the covering repeatedly. After approx. 40 minutes, roll with a multi-section roller (weight min. 50 kg).

Recommended notched trowel and application quantity

The notched trowel must be selected to ensure that the back of the covering is sufficiently wetted. Coarsely structured covering backs or coarse-pored substrate surfaces require a suitable notched trowel.

For PVC, PVC design, PVC composite, rubber, CV and textile floor coverings with fleece backing and quartz vinyl tiles:

	TKB A1 Application: 250 g/m ² – 280 g/m ² *
	TKB A2 application: 300 g/m ² – 350 g/m ² *

For textile coverings with a less structured backing and linoleum coverings:

	TKB B1 application: 400 g/m ² – 450 g/m ² *
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For textile coverings with a more structured backing, coconut or sisal coverings:

	TKB B2 application: 500 g/m ² – 550 g/m ² *
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*) Application quantities determined with Pajarito notched trowels on ARDEX levelling compounds.

Practical tip

Working with the wet bonding method improves the impression behaviour and achieves greater strength due to the more even wetting of the back of the covering.

Raking the levelling compound beforehand reduces the risk of blistering and the appearance of trowel marks.

Allowing the adhesive to air dry beforehand also increases initial adhesion.

Seal joints in PVC, linoleum or rubber floor coverings after 24 hours at the earliest.

In case of doubt, carry out test bonding. The laying instructions of the flooring manufacturer and the applicable standards and rules of the trade must be observed!

Remove any skin on the adhesive (e.g. due to improper storage or after opening) and do not stir it in.

Note

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

Additional information

Proceed carefully during application: 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.

Waste disposal

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

Material requirements	250 - 550 G/m ² depending on the notched trowel used
Base	Acrylic dispersion
Flash-off time approx.	15 Minutes
Processing temperature	+15 °C
Insertion time approx.	20 - 30 Minutes
Relative humidity (RH)	75 % (max.)
Cleaning agents	Before drying: water

Product details

Suitable for underfloor heating	Yes
Chair castor suitability	Yes (rolls according to ÖNORM EN 12529)
Suitable for shampooing and spray extraction	Yes
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



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GISCODE	D1 = Solvent-free dispersion installation materials
Blue Angel	DE-UZ 113
Packaging	Bucket with 12 kg net
Storage	Can be stored in a cool but frost-free place for approx. 12 months in the original sealed container. Store in dry rooms. Seal opened containers tightly.