



ARDEX AF 2270

Universal adhesive, conductive

- For textile and elastic coverings
- For linoleum and rubber coverings
- Strongly adhesive
- Easy to apply
- 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.

Light-coloured, conductive dispersion adhesive for bonding conductive

- Textile coverings
- Needle-punched floor coverings
- Linoleum coverings
- PVC flooring
- Rubber floor coverings up to 4 mm layer thickness

on absorbent substrates.

Art

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

Preparation of the surface

The substrate must comply with 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 release agents and cracks, and resistant to tensile and compressive forces, and must be prepared accordingly.

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

Antistatic installation:

Antistatic coverings are bonded directly to the substrate ready for installation.

Conductive installation:

If conductive installation is required, a copper strip approx. 1 m long must be inserted per 30 m² of room size and earthed. Agree on earthing points in advance and have the earthing carried out by a qualified specialist.

Textile coverings and linoleum:

Textile coverings or linoleum are laid on copper tape mesh on the substrate ready for installation.

PVC flooring:

Sheet coverings with sufficient transverse conductivity can be bonded directly to the substrate ready for installation using ARDEX AF 2270 universal adhesive, conductive. For other sheet coverings or PVC flooring in tiles, as well as for use on underfloor heating systems, installation must be carried out on copper tape mesh.

Rubber coverings:

Stick self-adhesive copper tape centrally under each covering sheet onto the substrate. Connect the strip ends with cross strips at a distance of approx. 25 cm from the wall and per 30 m² room size and earth them.

Processing

ARDEX AF 2270 Universal Adhesive, conductive, and the floor covering to be laid must be at room temperature before installation. The coverings must be free of tension. Apply the

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adhesive evenly to the appropriately prepared substrate using a notched trowel. Avoid pockets of adhesive. Within 5 to 20 minutes, lay textile floor coverings and linoleum in the wet adhesive and PVC and rubber coverings in the semi-wet adhesive, then walk on and rub down thoroughly.

Low temperatures and higher relative humidity prolong the times and can lead to moisture entrapment. The times specified refer to +18°C and 65% relative humidity.

After approx. 30 minutes, repeat the rubbing process; for stubborn floor coverings, only do so once a significant increase in stickiness has been achieved. Ensure that the back of the covering is well moistened.

Recommended notched trowel and application quantity

A special notched trowel is supplied with the container.

For LVT sheets and rubber coverings, use the fine side of this notched trowel:



Pajarito 7
Application: 280 - 330 g/m²*

For textile coverings and linoleum, use the coarse side of the notched trowel supplied:



TKB S2
Application: 350 - 420 g/m²*

For coverings with a more structured backing, it may be necessary to use coarser notched trowels:



Pajarito 25
Application: 500 - 600 g/m²*

The notched trowel should be selected to ensure sufficient wetting of the covering backing. Coarsely textured covering

backings or coarse-pored substrate surfaces require a suitable notched trowel.

*) Application quantities determined with Pajarito notched trowels on ARDEX levelling compounds.

Practical tip

Always follow the flooring manufacturer's instructions!

Raking the levelling compound beforehand reduces the risk of lumps forming and trowel marks showing through.

Allowing the compound to air dry for a while also increases initial adhesion.

Joints in PVC, linoleum or rubber floor coverings must be sealed after 24 hours at the earliest.

In case of doubt, carry out test bonding.

Observe the laying instructions of the flooring manufacturer and the applicable standards and rules of the trade.

Remove any skin that may be 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.

Technical data according to ARDEX quality standard

Material requirements	280 - 600 G/m ² depending on the backing and the notched trowel used
Base	Acrylic dispersion
Flash-off time approx.	5 - 20 Minutes
Processing temperature	+15 °C
Insertion time approx.	5 - 30 Minutes
Relative humidity (RH)	75 % (max.)
Conductivity of the film (EN 13415)	10 ⁻⁴ to 3 x 10 ⁻⁵ Ω resistance
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
GISCODE	D1 = Solvent-free dispersion installation materials



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Packaging	Bucket with 12 kg net, incl. special notched trowel
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.