



# ARDEX AF 2270

## Conductive Vinyl Adhesive

- Relatively emission-free
- No odour when dry
- Solvent-free
- Very wide range of applications
- For textile and flexible floor coverings
- Can be used under textiles, linoleum and rubber flooring without a conductive primer
- Very high strength



ARDEX System Product

Highly secure bonding properties with ARDEX filling compounds, designed for odour-neutral behaviour and clean indoor air.

Member of the Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Construction Products (GEV).

### Description

Light coloured, acrylic dispersion adhesive with special fibres to achieve a high conductivity. It is very low emissions

### Scope of Application

For bonding of ... on absorbent substrate

- PVC coverings
- Textile coverings
- Rubber coverings up to 3,5 mm
- Needle punched coverings
- Linoleum coverings

### Substrate and Preparation:

The substrate must satisfy the requirements of DIN 18 365, "Floor covering work". In particular, it must be level, permanently dry, firm, load-bearing, free from parting agents and cracks and also have a high tensile and compressive strength and must be prepared accordingly.

Any levelling work must be done with suitable ARDEX levelling compounds together with ARDEX primers

### Antistatic installation:

The antistatic floor coverings are fixed directly onto the prepared substrate.

### Conductive installation:

If a conductive installation is required every 30 m<sup>2</sup> a 1m copper wire as to be installed and earthed. The earthing has to be carried out by a trained electrician.

### Textile coverings and Linoleum:

These coverings can be layed directly to the prepared substrate

### PVC coverings:

Rolls with sufficient cross conductivity can be installed directly with ARDEX AF 2270 onto the prepared substrate other roll coverings or PVC coverings.

NOTE: if heated subfloor constructions are used the installation has to be done on top of a copper mesh

### Rubber flooring:

Self-adhesive conductive copper tape has to be adhered in the center of each roll. Leave 25cm between the wall and the copper tape, and connect the tapes every 30 m<sup>2</sup> and earth them.



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### Use

ARDEX AF 2270 and the covering to be installed should have the same temperature. The coverings have to be installed tension free. The adhesive is applied evenly to a suitably prepared substrate using a notched trowel. Avoid concentrations of adhesive. Apply the textile and linoleum coverings within 5 to 20 minutes into the wet adhesive bed, apply PVC and rubber coverings in the semi wet adhesive bed and press them in firmly. Smooth down again after approximately 30 minutes. Allow 24 hours before sealing the joints in the covering.

N.B.: If high humidity on top of the floorcovering is expected for example cleaning joints have to be installed not before 24 hours.

N.B.: Observe the laying instructions of the floorcovering manufacturer and also the standards and regulations applicable in the trade.

### Recommended notched trowel and coverage

Together with the container, a special notch is supplied.

For PVC rolls and rubber coverings use the smaller notch.

Pajarito 7 Application: 280-330 g/m<sup>2</sup>

For textile coverings and linoleum:

S 2 TKB S2 Application: 350-420 g/m<sup>2</sup>

For PVC coverings in rolls and sheets:

S 3 TKB S3 Application: 250-300 g/m<sup>2</sup>

For coverings with highly structured backing:

Pajarito 25 Application: 500-600 g/m<sup>2</sup>

Select the notched trowel to ensure sufficient wetting of the backing. Coarsely structured backings or very porous substrates require a corresponding notched trowel.

### Safety Precautions

ARDEX AF 2270 is non-hazardous in normal usage, however, good hygiene practices should be followed. Avoid contact with skin; wash off with soap and water before drying takes place. In case of contact with eyes, rinse carefully and thoroughly with water and seek medical advice. In case of ingestion, seek medical assistance. Consult the relevant Safety Datasheet for further information (available upon request and online at [www.ardex.com.tr](http://www.ardex.com.tr))

### Disclaimer

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development.

### Technical Data According to ARDEX Quality Standard

Raw material basis:	Acrylic dispersion
Material requirements:	see trowel recommendation and coverage
Temperature:	not below +15° C
Relative humidity (RH):	not above 75 %
Airing time*:	5 - 20 minutes
Laying time*:	5 - 30 minutes
* Lower temperatures and higher RH extend the times and can lead to inclusions of moisture. The indicated times refer to +18° C and 65 % RH.	
Cleaning agent:	before drying: Water
Underfloor heating suitability:	yes
Resistance to castors:	yes ( According to EN 12529 )
Conductivity of the adhesive film	10 <sup>4</sup> – 3 x 10 <sup>5</sup> Ω (Ohm) resistance ( According to EN 13415 )
EMICODE:	EC1 <sup>PLUS</sup> very low emission
Packaging:	Bucket of 12 kg net
Storage	If unopened, can be stored in a cool, frost-free, dry location for up to 12 months. Close opened containers tightly after use.