



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 SINGAPORE PTE LTD
26 Tuas Ave 4 Singapore 639376
Telephone: +65 6861 7700
Fax: +65 6862 3381
Email: sales@ardex.com.sg
Website: www.ardex.com.sg

ARDEX AF 2270

Conductive Vinyl Adhesive

DESCRIPTION

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

APPLICATIONS

For bonding of ... on absorbent substrates

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

SURFACE 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 m² a 1m copper wire as to be installed and earthed. The earthing has to be carried out by a trained electrician.

Textil 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:

Selfadhesive 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 m² and earth them.

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 ontop 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. If there is any doubt, invest in triaof at least 20 minutes.

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/m²

For textile coverings and linoleum:

S 2 TKB S2 Application: 350-420 g/m²

For PVC coverings in rolls and sheets:

S 3 TKB S3 Application: 250-300 g/m²

For coverings with highly structured backing:

Pajarito 25 Application: 500-600 g/m²

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

ARDEX AF 2270

Conductive Vinyl Adhesive

TECHNICAL DATA

Raw material base:	Acrylic dispersion
Material requirement:	see trowel recommendation and coverage
Conditions of use:	
Temperature:	not below 15°C
Relative atmospheric humidity (RH):	not above 75%
Flash off time with 18°C and 65% RH:	5-15minutes
Laying time with 18°C and 65% RH:	5-40 minutes
(lower temperatures and higher RH will prolong the times)	
Cleaning agent:	before drying with water
Resistant to chair castors:	yes (in accordance with DIN-EN 12529
Suitable for floor heating:	yes
Conductivity of the adhesive film (DIN-EN 13415)	< 3 x 10 ⁵ Ω (Ohm) resistance
EMICODE:	EC1, relatively emission free
GISCODE:	D1 solvent-free

PACKAGING

ARDEX AF 2270 is packed in a 18 kg plastic pail.

STORAGE AND SHELF LIFE

Stored in the original sealed container, in a dry, cool place, the shelf life of ARDEX AF 2270 is 12 months.

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 Material Safety Datasheet for further information (available upon

request and online at www.ardex.com.sg).

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.

Offices:

Malaysia:

ARDEX MANUFACTURING SDN BHD (669180-X)
No. 19-1, Jalan Puteri 2/2, Bandar Puteri,
47100, Puchong, Selangor Darul Ehsan
Tel: +60 38060 1139 Fax: +60 38060 0719
Email: sales@ardex.com.sg

Thailand:

ARDEX (THAILAND) CO., LTD
969 2nd Floor Moo, 13, Soi 45, Bangna-Trad Road
Bangkaew, Bangplee, Samutprakarn 10540
Thailand
Tel: +66 2316 3069 Fax: +66 2316 3075
Email: sales@ardex.co.th

Vietnam:

Mobile: +84 901 351 308
Email: sales@ardex.com.sg

April 2017