



ARDEX AF 290

High Strength carpet adhesive

- Extremely high shear strength ($>2 \text{ N/mm}^2$ according to ÖNORM EN 14293)
- Hard adhesive streak
- High final strength
- Prevents seam shrinkage on critical coatings
- Wide range of applications for textile floor coverings
- 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:

- Fibre bonded floor coverings of all kinds
- Textile coverings with textile backing
- Woven textile floor coverings

on absorbent substrates.

ARDEX AF 290 High Strength carpet adhesive is a problem solver for critical coverings and is characterised by extremely hard adhesive ridges and with extremely high shear strength. ARDEX AF 290 prevents seam shrinkage even for critical coverings.

Art

Polyacrylate-polystyrene dispersions, water, wetting agents, thickening agents, defoaming agents and preservatives, mineral fillers

Preparation of the surface

The substrate must meet 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 tensile and compressive forces, or must be prepared accordingly.

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

Processing

ARDEX AF 290 High Strength carpet adhesive is applied evenly to the appropriately prepared substrate using a suitable notched trowel. Avoid pockets of adhesive. The airing time depends on the room climate, substrate and material temperature, absorbency of the substrate, the notch size of the trowel used and the permeability of the covering and can be 10 to 15 minutes.

Low temperatures and higher relative humidity prolong the times and can lead to trapped moisture. The times specified refer to $+18^\circ\text{C}$ and 65% relative humidity.

The floor covering is laid in the adhesive, which should still be easily wettable, and rubbed evenly. After approximately 30 minutes, rub or roll the flooring again, especially in the areas of seams and head joints.

If necessary, weigh down stubborn edges of the covering until the adhesive has set.

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Recommended notched trowel and application quantity

For rubbers with a less structured backside:



TKB B1

Application: approx. 400 - 450 g/m² *

For coverings with a more structured reverse side:



TKB B2

Application: approx. 475 - 525 g/m² *

The notched trowel must be selected to ensure sufficient adhesive transfer to the back of the floor covering. Coarsely textured backing materials or coarse-pored substrate surfaces require a notched trowel with a larger notch size.

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

Practical tip

When bonding permeable floor coverings with highly absorbent backings, it is also advisable to allow the adhesive

to flash off for approximately 5 to 15 minutes beforehand to prevent excessive absorption into the backing.

In case of doubt, carry out test bonding.

Observe the laying instructions of the covering manufacturer and the applicable standards and industry regulations.

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	400 - 525 G/m ² depending on the notched trowel used
Base	Special plastic dispersion
Flash-off time approx.	10 - 15 Minutes
Processing temperature	+15 °C
Insertion time approx.	25 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
GISCODE	D1 = Solvent-free dispersion installation materials
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.