



# ARDEX AF 140

## Fibre Reinforced Luxury Vinyl Tile Adhesive

- Wet bed adhesive with a wide range of applications
- Excellent wetting of floor covering
- Fibre reinforcement minimizes residual indentation behaviour
- Very low emission



### 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).

### Scope of Application

Inside. Floor.

Wet bed adhesive for the bonding of:

- PVC design floor coverings in tile or plank formats
- PVC and PVC composite floor coverings in plates and sheets
- rubber floor coverings in sheets and plates up to a layer thickness – of 4 mm

on absorbent substrates.

ARDEX AF 140 stands out for its universal application possibilities, distinctive adhesion spectrum and its good initial and final bond strength.

### Type

Composition: Polystyrene copolymer dispersions, polyacrylate dispersions, rosin resin derivatives, mineral fillers, water, additives and preservatives: Isothiazolinones.

### Substrate and Preparation:

The substrate must meet the requirements of DIN 18365. In particular, it must be level, permanently dry, solid, load-bearing, free from separating agents and crack-free as well as have adequate tensile and compressive strength or it must be prepared accordingly. Trowel work is to be carried out with the appropriate ARDEX filling compounds in conjunction with ARDEX primers.

### Working

The floor coverings to be bonded must be air conditioned and relaxed. ARDEX AF 140 is evenly applied with a notched trowel on the properly prepared substrate. When laying PVC design floor coverings or rubber floor coverings do not apply more adhesive than can be placed in the wet phase of the adhesive. The adhesive must still be wettable and easily compressible. The wetting of the floor covering must be checked repeatedly. Lay floor coverings without air pockets, at the same time avoid joint bucklings, rub immediately in and, if necessary, weight down. After about 40 minutes roll over the floor covering with a pressure roller (min. 50 kg).



[www.blauer-engel.de/uz113](http://www.blauer-engel.de/uz113)

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### Recommended notched trowel and application quantities:

The notched trowel is to be chosen such that a sufficient wetting of the backing of the floor covering is ensured. Coarse textured backings of the floor covering or open-grained substrate surfaces require an appropriate notched trowel.



TKB A 1  
Application: 280 g/m<sup>2</sup> – 320 g/m<sup>2</sup>\*



TKB A 2  
Application: approx. 330 g/m<sup>2</sup>\*

\*) Application quantities determined with Pajarito toothed strips on ARDEX filling compounds

### Practical tip

Due to more uniform wetting of the backing of the floor covering, working with the wet bonding process achieves better indentation behaviour and greater strength. The prior treating of the filling compound with a notched trowel reduces the risk of buckling formation and the shine through of trowel marks.

### Note

Keep out of reach of children. Provide for proper ventilation during and after processing/curing! During the processing of the product avoid eating, drinking and smoking. In the case of contact with eyes or skin, rinse immediately with plenty of water. Clean the tools immediately after use with soap and water.

The product contains 5-Chloro-2-methylisothiazolin-3-one and 2-Methylisothiazolin-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one.

May produce allergic reactions. Information for allergy sufferers at 114 Turkish poisons information centre.

Joints in the PVC or rubber floor coverings are to be closed at the earliest after 24 hours.

The flooring instructions of the floor covering manufacturers as well as the standards and rules of the trade are to be observed! In cases of doubt, bond-tests must be carried out.

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

### Disposal

Do not allow to enter sewage system, watercourses or ground soil. Fully emptied, scraped out or drip-free plastic containers are recyclable. Containers with paste-like rest content, as well as collected, paste-like residues are hazardous waste. Containers with cured residual content are classified as construction waste/household waste.

### Technical Data According to ARDEX Quality Standard

Raw material basis:	Special plastic dispersion
Material requirements:	see recommended notched trowel and application quantities

#### Processing conditions:

Temperature:	not below +15° C
Relative humidity (RH):	not over 75 %
Airing time*:	5 - 15 minutes
Laying time*:	10 - 20 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
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Shampoo and spray-extraction cleaning suitability:	yes
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Underfloor heating suitability:	yes
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Resistance to castors:	yes ( According to EN 12529 )
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EMICODE:	EC1 <sup>PLUS</sup> very low emission
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GISCODE:	D1 – solvent free
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Blue Angel:	RAL-UZ 113
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GHS/CLP:	none
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GGVSEB/ADR:	none
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Packaging:	Bucket of 12 kg net
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Storage	If unopened, can be stored in a cool, frost-free, dry location for up to 12 months. Close opened containers tightly after use.
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