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# ARDEX AF 380

Adhesive for Rubber Floorcoverings

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Single part, water-based adhesive

Very high bond strength

Low VOC

Low odour

Easy to apply and use



本企业通过ISO9001:2000质量认证体系



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# ARDEX AF 380

## Adhesive for Rubber Floorcoverings

### DESCRIPTION

ARDEX AF 380 is a water-based, low odour, rubber floorcovering adhesive containing a blend of high quality resins & dispersions and a low filler content.

ARDEX AF 380 has very good early and long term adhesion strength and is odourless when dry.

ARDEX AF 380 is designed for use on sub-floors such as smoothed and leveled concrete and sand/cement screeds, water-based leveling and smoothing compounds and terrazzo.

**Interior use only.**

### SURFACE PREPARATION

The sub-floor must have an effective damp proof membrane and must be dry, with an equilibrium relative humidity of 75% or below and be hard, clean, free of barrier materials, sound and smooth.

**NOTE:** Any free dust on the surface should be removed, preferably using suitable vacuum equipment, prior to applying ARDEX AF 380 as dust can affect both the yield and performance of floorcovering adhesives.

Where an effective damp proof membrane is absent, or the relative humidity of the substrate, concrete or sand/cement screed is above 75%, the use of a damp proof membrane such as ARDEX DPM or ARDEX WPM300 is necessary. Consult ARDEX Technical Services for advice.

Any repairs, leveling or smoothing should be carried out using the relevant surface preparation product and allowed to dry prior to application of the adhesive. The use of the appropriate ARDEX ARDURAPID Formula products, such as ARDEX A 45 or A 35, can allow even full depth screed repairs to be overcoated within hours.

### APPLICATIONS

The laying area and sub-floor should be kept at the appropriate temperatures as specified by the floorcovering manufacturer. These temperatures need to be maintained for the

Do not use ARDEX AF 380 where there is a risk of exposure to higher temperatures or where rubber tiles are to be installed in potentially wet areas.

Do not apply the adhesive over more area than can be covered by the floor covering within the 20 minutes open time of the adhesive.

The floor covering must be applied into the wet adhesive before the working time expires.

15 minutes after laying, roll the floorcovering using a 68kg flooring roller or hand roller from end to end and from side to side, to ensure full overall contact with the adhesive. Roll again after a further 30 minutes.

**NOTE:** ARDEX AF 380 is able to take foot traffic within a few hours under good conditions onto absorbent substrates; however do not subject the flooring to heavy loads, loaded trolleys etc, or move fixtures, furniture, etc onto the flooring until the adhesive has fully set, typically 24 – 48 hours at 23°C, depending on substrates and intended loading.

Do not allow the floor to be wet cleaned immediately after the floorcovering has been installed. Allow sufficient time for the bond to develop, typically 48 hours.

In areas likely to be subject to regular moisture and for thicker, low moisture vapour transmission rate rubber, a polyurethane adhesive such as ARDEX AF 2510 is required. Also make sure the underneath materials are damp tolerant.

### TROWEL NOTCH SIZE/COVERAGE

Notch Size	m <sup>2</sup> /kg	m <sup>2</sup> /20kg unit
A2	~ 3.5	~ 70

**NOTE:** The actual coverage achieved in practice is affected by application technique as well as the trowel notch size, texture and absorbency of the sub-floor.

### PACKAGING

ARDEX AF 380 is packed in plastic pails of net weight 20 kg.

### STORAGE AND SHELF LIFE

ARDEX AF 380 has a shelf life of not less than 12 months if stored in good conditions between 5°C and 35°C in the original unopened containers.

### PRECAUTIONS

ARDEX AF 380 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 Material Safety Data Sheet (MSDS) for full information.

### TECHNICAL PROPERTIES

Appearance:	soft beige paste
Density:	~ 1.2kg/L
Coverage:	~ 250–300g/m <sup>2</sup> (A2 trowel)
Open time:	~ 15–20min depending on room temperature/humidity trowel size and absorbency of the sub-floor
Light foot traffic:	~ 3hrs
Load bearing:	24–48hrs @ 23°C
Working temperature:	15–30°C
Cleaning agent:	Water (before drying)
Suitable for underfloor heating:	Yes

The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations.