



ARDEX AF 160 U

General PVC adhesive

Water based, solvent-free

Odourless when dry

Long working time

Wide range of applications

Easy to apply

High strength



本企业通过ISO9001:2000质量认证体系



ARDEX HONGKONG LTD
Unit D, 16/F, CNT Tower, No.338
Hennessy Road,
Wan Chai, Hong Kong
TEL: 852-25296325
FAX: 852-25298615

ARDEX (SHANGHAI) CO., LTD
3F, Building 13, No. 505,
South Zhongshan Rd.,
Shanghai, China
TEL: 86-21 61526722
FAX: 86-21 61526726
P.C.: 200010

ARDEX AF 160 U

General PVC adhesive

DESCRIPTION

ARDEX AF160 is a water-based, low odour, solvent free, acrylic emulsion-based flooring adhesive containing a blend of high quality emulsions, mineral fillers and water. ARDEX AF160 U has a long tack time, with very good early and long term adhesive strength and is odourless when dry. ARDEX AF160 U is also suitable for use over normal underfloor heating systems. ARDEX AF160 U is designed for use on sub-floors such as smooth and leveled concrete and sand/cement screeds, latex and water-based levelling and smoothing compounds, terrazzo, plywood, hardboard and flooring grade chipboard.

AREAS OF APPLICATION

- PVC coverings
 - CV coverings
 - Quartz vinyl tiles
 - Textile floor-coverings with textile backing
 - Textile floor-coverings with latex, PVC or PUR foam backing
- On porous and non-porous substrates inside

SUBSTRATE PREPARATION

The sub-floor must have an effective DPM and must be dry, with an equilibrium relative humidity of 75% or below and be hard, clean, free of barrier materials, sound and smooth. Any free dust on the surface should be removed, preferably using suitable vacuum equipment, prior to applying ARDEX AF160 U as dust can affect both the yield and performance of floor-covering adhesives. Any repairs, levelling or smoothing should be carried out using the relevant surface preparation product and allowed to dry prior to application of the adhesive. Joints, nail holes, small gouges, etc., in plywood and chipboard may be pre-smoothed and levelled prior to the application of ARDEX AF160 U using ARDEX FEATHER FINISH.

INSTALLATION

The laying area and sub-floor should be kept at the appropriate temperatures as specified by the floor-covering manufacturer and the relevant standards. These temperatures need to be maintained for the specified time periods before/during laying and after the installation of the floorcovering. ARDEX AF160 U should be applied evenly to the suitably prepared substrate using the appropriate serrated trowel or serrated spatula, avoiding forming concentrations of adhesive.

Do not apply the adhesive over a larger floor area than can be covered by the floor covering within the working time of the

adhesive. The floor-covering may then be applied directly into the wet adhesive. Alternatively, the adhesive can be allowed to develop surface tack prior to applying smooth or impervious backed floorings, ensuring that good transfer is achieved.

The double drop method may be employed in order to save time, as it will reduce the time required for the adhesive to dry. The flash-off (surface tack) time is typically 20 to 40 minutes depending upon temperature, humidity, porosity of the substrate and the size of notch trowel used.

Roll the flooring using a 68kg flooring roller, or smoothing blade as appropriate, from end to end and from side to side, to ensure full overall contact with the adhesive.

Note: Certain floor-coverings may require further rolling/smoothing.

If the flooring seams are to be heat welded, it is advisable to allow a minimum of 12 hours for the adhesive to harden prior to commencing welding.

Note: Underfloor-heating systems should be switched off at least 48 hours before installation and for 48 hours after completion. Do not subject the floor to loads, loaded rolleys, etc., or move fixtures, furniture, etc., onto the flooring until the adhesive has fully set, typically 48 hours at 20°C.

Do not allow the floor to be wet cleaned immediately after the floor-covering has been installed. Allow sufficient time for the bond to develop.

COVERAGE

Notch size (mm): 1.5 x 5

Usage: approx. 360 g/m²

Notch size (mm): 2.0 x 6

Usage: approx. 450 g/m²

Note: The actual coverage achieved in practice is affected by application technique as well as the texture and absorbency of the sub-floor.

PACKAGING

ARDEX AF160 U is packed in plastic

STORAGE & SHELF LIFE

ARDEX AF160 U has a shelf life of not less than 12 months, if stored in good conditions between 5°C and 30°C in the original unopened containers

TECHNICAL PROPERTIES

Base:	Acrylic emulsion, water based
Colour:	Cream
Consistency:	Viscous liquid
Cleaning Agent:	Water, before drying

Open/drying time Up to 40 minutes depending on room temperature/humidity and absorbency of the sub-floor

Flashpoint:	Not applicable
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.