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PRODUCT DATA SHEET

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# ARDEX AF 650

## Heavy Duty Contact Adhesive

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### Features

- Permanent contact bond
- Immediate use
- Instant dry bond
- Easy to apply, with a brush or fine serrated trowel
- Apply materials into dry adhesive
- Can be used on vertical surfaces



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# ARDEX AF 650

## Heavy Duty Contact Adhesive

### DESCRIPTION

ARDEX AF 650 is a heavy duty polychloroprene contact adhesive for fixing PVC and rubber floorcoverings, stair nosings, PVC skirting, stair stringers and cork with natural cork backing. ARDEX AF 650 is a contact adhesive and therefore requires to be applied to both the sub-floor/wall and floorcovering material and given time to dry.

### SURFACE 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 in accordance with the relevant clauses of BS 8203 and BS 8204. All dust, surface contaminants or previous coverings must be removed from the walls.

**NOTE:** Any free dust on the surface should be removed, preferably using vacuum equipment, prior to applying ARDEX AF 650 as dust can affect both the yield and performance of floorcovering adhesives. Where an effective DPM is absent, or the relative humidity of the concrete or sand/cement screed is above 75% RH, apply the appropriate ARDEX surface DPM, and consult the relevant product data sheets for advice.

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. For detailed information on the appropriate repair/sub-floor smoothing and levelling compound, consult our product selector guides within the SYSTEMARDEX flooring brochure.

The use of the appropriate ARDEX Rapidry Formula products, such as ARDEX A 45 and ARDEX FEATHER FINISH can allow repairs to be overcoated within hours.

ARDEX AF 650 can be used on or over smoothing underlayments, sand and cement screeds, concrete etc., repair products such as ARDEX FEATHER FINISH, ARDEX A 45, plasterboard, plaster, flooring grade chipboard, wood, hardboard, plywood, alloys and steel.

### DIRECTIONS FOR USE

The laying area and sub-floor should be kept at the appropriate temperatures as specified by the floorcovering manufacturer and the relevant clauses of BS 8203. These temperatures need to be maintained for the specified time periods before/during laying and after the installation of the floorcovering. USE IN WELL VENTILATED CONDITIONS.

Stir ARDEX AF 650 thoroughly and apply evenly, using a fine serrated spatula, brush or roller, to the back of the sections or floorcoverings and the prepared substrate. Do not allow pockets of adhesive to form.

The quantity applied to both surfaces must be sufficient to produce continuous adhesive films. After the adhesive films have fully dried out (dry to transparency, at least 7 but no longer than 20 minutes), the profiles/floorcoverings are laid to a proper fit and firmly pressed together.

**NOTE:** The two surfaces must be in the correct position as the adhesive will form an immediate bond. Once adhered, consolidate under maximum, even pressure.

The floorcovering can be walked on immediately after adhesion. Wait 24 hours before sealing (e.g. natural cork panels).

In addition to this information always follow the laying instructions of the floorcovering manufacturer.

### TROWEL NOTCH SIZE/COVERAGE

Notch Size (mm)	m <sup>2</sup> /5 litre unit
Trowel	
0.7 x 1mm	approx. 6m <sup>2</sup> per litre 30 approx.
Brush	approx. 8m <sup>2</sup> per litre 40 approx.

**NOTE:** The actual coverage achieved in practice is affected by application technique as well as the texture and absorbency of both surfaces.

### TECHNICAL DATA

Working temperature	Not below 15°C
Flash-off time	7-20 minutes
Laying time	Up to 20 minutes at 20°C at 65% RH
Cleaning agent	Paint thinners
Suitable for underfloor heating	Yes

### PRECAUTIONS

Hazardous substances. Highly flammable. Empty containers can be a fire hazard. Dispose of carefully. Observe information on containers! Use in well ventilated areas.

For further information consult the relevant health and safety data sheet.

### PACKAGING

ARDEX AF 650 is packed in metal tins - net volume 5 litres.

### STORAGE AND SHELF LIFE

Store in a cool place; once containers have been opened, seal well. ARDEX AF 650 can be stored for not less than 12 months in the original unopened containers. Protect from frost, store between 5-25°C.

**NOTE:** 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 up date 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.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

**TECHNICAL ADVICE HELPLINE**  
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**ARDEX online**  
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