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BUILDING DIVISION
PRODUCT DATA SHEET

ARDEX AF 890

Surface Tackifier

Features

Permanent tack

Economical

Water-based, solvent free formulation

Very low odour

Easy to apply

Can be spray applied

ARDEX AF 890

Surface Tackifier

DESCRIPTION

ARDEX AF890 is a water-based, low odour, solvent free, acrylic polymer, emulsion-based surface tackifier containing a blend of high quality dispersions and water. ARDEX AF890 is odourless when dry and has a short drying time and permanent tack. ARDEX AF890 is also suitable for use over normal underfloor heating systems.

ARDEX AF890 is designed for adhering floorcoverings with felt, bitumen, PVC and other polymer backings and is ideal for carpet tiles. Consult the ARDEX UK Floorcovering Adhesives Product Selector for detailed information. ARDEX AF890 is designed for use on sub-floors such as raised access flooring, concrete, sand/cement screeds, latex and water-based levelling and smoothing compounds, terrazzo, plywood, hardboard and flooring grade chipboard.

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, BS 5325 and BS 8204.

Note: Any free dust on the surface should be removed, preferably using suitable vacuum equipment, prior to applying ARDEX AF890 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, consult the ARDEX DPM product data sheet 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. The use of the appropriate ARDEX Rapidry Formula products, such as ARDEX A55 and ARDEX A35 cement, can allow even full depth screed repairs to be overcoated within hours.

Fabricated underlays should be laid where required over existing timber bases. Wood-based fabricated underlays should comply with BS 8203: Section 3 and be at the equilibrium moisture content they will have in service at the time they are covered.

Note: Hardboard should be suitably conditioned prior to installation in accordance with BS 8203 and BS 5325.

Joints, nail holes, small gouges, etc., in plywood and chipboard may be pre-smoothed and levelled prior to the application of ARDEX AF890 using ARDEX FEATHER FINISH in accordance with the product literature.

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 and BS 5325. These temperatures need to be maintained for the specified time periods before/during laying and after the installation of the floorcovering.

ARDEX AF890 should be applied evenly to the suitably prepared substrate using a long handled, short piled roller, avoiding forming concentrations of adhesive. Allow the adhesive to develop surface tack prior to applying the carpet tiles/floorcoverings.

ARDEX AF890 will have dried and developed its surface tack after 20 minutes under good site conditions.

Note: Actual time depends upon temperature, humidity and porosity of the substrate.

Note: For spray application add up to 1 litre of clean potable water per 15 litre pail of adhesive and mix thoroughly before dispensing into the spray equipment.

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 trolleys, 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 for at least 3 weeks after the floorcovering has been installed.

COVERAGE

Typically 7m² per litre (105m²/15 litre pail) using a short pile roller application, up to 10m² per litre when spray applied (up to 160m²/15 litre pail).

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 AF890 is packed in a plastic pail - net volume 15 litres.

STORAGE

ARDEX AF890 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.

PRECAUTIONS

ARDEX AF890 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 relevant Health & Safety data sheets for full information.

TECHNICAL DATA

Drying time	20 minutes under good site conditions – note this depends on room temperature/humidity and absorbency of the sub-floor
Colour	Milky white, turning to clear when dry
Consistency	Liquid
Flashpoint	Not applicable
Cleaning Agent	Before drying – water
Suitable for underfloor heating	Yes

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 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.

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