



CI/SfB

Yt3

MAY 2007
PRODUCT DATA SHEET

ARDEX AF 2510

Two Component Polyurethane Adhesive

Features

For floorcoverings including PVC, rubber and hardwood



High heat resistance, e.g. for areas behind glass facades

Moisture and weather resistant - for wet areas and external use

Very high strength - for areas subject to high loads, e.g. industrial premises or sports centres

Very easy to use, smooth consistency

Solvent free and water free

Virtually emission free

Suitable for underfloor heating



Reg No. FM 1207

ARDEX UK LIMITED
Homefield Road, Haverhill, Suffolk CB9 8QP UK.
Telephone: +44 (0)1440 714939
Fax: +44 (0)1440 716660
Technical Services Fax: +44 (0)1440 716640
Email: technical.services@ardex.co.uk
ARDEX online: www.ardex.co.uk

ARDEX AF 2510

Two Component Polyurethane Adhesive

DESCRIPTION

ARDEX AF 2510 is a two part polyurethane adhesive for fixing PVC, Polyolefins (planks and tile), linoleum, rubber and hardwood floorcoverings. It is water resistant when fully cured and is virtually emission free enabling thin PVC floorcoverings to be installed without bubbling. ARDEX AF 2510 is smooth and easy to trowel with small or large notched trowels for PVC and large format hardwood boards.

SURFACE PREPARATION

The sub-floor 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 8201 and BS 8204. All dust, surface contaminants or previous coverings must be removed.

NOTE: For moisture sensitive floorcoverings, e.g. Hardwood, a damp proof membrane such as ARDEX DPM must be present and effective.

NOTE: Any free dust on the surface should be removed, preferably using vacuum equipment, prior to applying ARDEX AF 2510 as dust can affect both the yield and performance of floorcovering 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. 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 2510 can be used on or over smoothing underlayments, sand and cement screeds, calcium sulfate screeds, concrete, etc., repair products such as ARDEX A 45 and ARDEX FEATHER FINISH, as well as flooring grade chipboard, wood, hardboard, plywood and metals. Asphalt must have an application of ARDITEX or ARDITEX NA (3-6mm) before installation.

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 8201. These temperatures need to be maintained for the specified time periods before/during laying and after the installation of the floorcovering.

Before using, maintain ARDEX AF 2510 at an adequate temperature. Add the full hardener pack B (tube bag in the cover unit) to resin pack A and stir well using a suitable stirring device (e.g. an electric drill with appropriate stirrer) for approximately 3 minutes at 300-600 rpm until an even colour is obtained.

The adhesive should be applied evenly over the substrate using the appropriate serrated trowel. Do not apply more adhesive than can be covered during the open time.

Lay the floorcovering directly on the adhesive bed without flash-off time and without air pockets. The floorcoverings to be laid must be relaxed and lie flat, otherwise they must be weighted down. Avoid bucklings at the seam. Carefully roll recently laid surfaces. After parquet blocks have been laid they should be firmly tapped down.

Ensure that there is correct transfer of the adhesive to the back of the floorcovering. Remove any superfluous adhesive from the substrate floorcoverings immediately with a smooth spatula.

Avoid tongue and groove bonding by the adhesive when using beneath parquet.

After approximately 2 hours press down or roll floorcoverings again.

Immediately check laid parquet (especially larger sections) for cavities and, if necessary, weigh down until the adhesive has cured. Perimeter expansion gaps should be in accordance with the hardwood or laminate floor manufacturer's instructions.

NOTE: Clean tools immediately after use with acetone or spirits.

The floorcovering can be walked on after 4-6 hours dependant on temperature and floorcovering.

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

TROWEL NOTCH SIZE/COVERAGE

Notch Size (mm)	m ² /6kg unit
For PVC, Polyolefins (planks and tile), rubber coverings and quartz vinyl tiles:	
A2 (1.5 x 3mm)	approx. 17-20m ²
For linoleum and other coverings with little structure on backing:	
B1 (2 x 5mm)	approx. 16-18m ²
For coverings with a heavily structured backing:	
B2 (2.6 x 5mm)	approx. 10-12m ²
For wood mosaic, t & g strip parquet and small format multi-layer parquet:	
B3 (3.2 x 7mm)	approx. 7-8m ²
For 10mm solid, block parquet and parquet filllets;	
B10 (5.7 x 15mm)	approx. 6-7m ²
For large-format multi-layer parquet, solid wooden floorboards and laminated floors:	
B12 (5.1 x 10mm)	approx. 4-5m ²

The trowel size must be chosen to ensure adequate transfer of adhesive to the backing of the covering or parquet. Rough or uneven substrates and those with coarse or uneven backings will need a correspondingly larger notched trowel.

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	None
Pot Life	45-60 minutes
Laying time	Up to 70 minutes
Cleaning agent	Before curing, oil or water-based cleaners
Suitable for underfloor heating:	Yes
For exterior use:	Yes
EMICODE:	EC1R

PRECAUTIONS

Do not breath vapour. Wear suitable protective clothing, i.e. gloves and eye protection. Dispose of carefully. Observe information on containers!

GISCODE	S 1
---------	-----

For further information consult the relevant safety data sheet.

PACKAGING

ARDEX AF 2510 is packed in plastic buckets, net volume 6kg.

STORAGE AND SHELF LIFE

Store in a dry place. ARDEX AF 2510 can be stored for up to 12 months in the original unopened containers.

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.

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