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MAY 2025
(SUPERCEDES NOVEMBER 2021) PRODUCT DATA SHEET

ARDEX AF 635

Solvent Free Contact Adhesive

GEV-EMICODE® EC 1 PLUS very low emission

Features

- Solvent free and very low emission
- Easy to apply with a short-piled roller or paintbrush
- Ideal for cap and cove installations
- Long working time
- Long bond and high initial tack
- Floors can receive foot traffic immediately after application

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ISO 9001 Quality Management Systems CERTIFIED
ISO 14001 Environmental Management CERTIFIED
ISO 45001 Occupational Health and Safety Management CERTIFIED
Reg No. FM 01207 EMS 565427 OHS 628374

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ARDEX AF 635

Solvent Free Contact Adhesive

DESCRIPTION

ARDEX AF 635 is a heavy duty, solvent-free dispersion based contact adhesive. Ideal for securing floorcoverings accessories and profiles to internal vertical and horizontal surfaces such as, walls, ceilings and stairs. For internal use only.

ARDEX AF 635 has a high initial tack, and excellent bond strength with good resistance to plasticiser migration.

USE

ARDEX AF 635 can be used to fix vinyl, linoleum, textiles, (including needle punch) rubber floorcoverings, flexible stair nosings, vinyl and rubber skirtings, accessories, and flexible stair stringers. ARDEX AF 635 can be used on porous and non-porous substrates, including alloys and steel, and it is suitable for use on subfloors incorporating hot water underfloor heating systems.

SUBSTRATE PREPARATION

Where an effective damp proof membrane is absent, or the relative humidity of the subfloor is above 75%, consult the ARDEX Moisture Control brochure or contact ARDEX Technical Services for the correct product selection.
All surfaces, walls and floors must be hard, clean, free from barrier materials, sound and smooth in accordance with the relevant clauses of British Standards. Any dust should be removed using suitable vacuum equipment prior to applying ARDEX AF 635, as it can affect both coverage and performance of the adhesive.

To ensure a level surface on which to adhere to, any levelling, smoothing or repairs should be performed using the appropriate ARDEX product, and allowed to dry prior to applying the adhesive.

MIXING

ARDEX AF 635 is ready for use, but for optimum performance the adhesive should be thoroughly mixed to ensure the even dispersion of polymers before application.

APPLICATION

The installation area and substrates should be kept at the appropriate temperature as specified by the floorcovering manufacturer and the relevant clauses of the British Standards. These temperatures need to be maintained 48 hours prior to installation, during installation, and 48 hours after installation.

Apply ARDEX AF 635 with a short-piled roller or apaint brush onto the covering/profile first and thenthe substrate second. This can reduce waiting timefor the adhesive to sufficiently air.

To achieve an even covering of adhesive, ensure the roller is thoroughly wetted with adhesive and rolled out on waste material before the application. Apply enough adhesive to completely cover the surface and backing of the floorcovering and allow to dry to an almost non-tacky feel. When both surfaces have reached this state then the coverings orprofilescanbe placedinto position.

If preferred, the floorcovering or profile can be pre-coated the day before installation. On the day of installation apply the adhesive only on to the substrate and following a sufficient airing time, bond the pre-coated floorcovering into the dried adhesive film. The open time for flooring/profiles already pre-coated on the previous day into the newly applied film is up to 6 hours, however the adhesive films of ARDEX AF 635 can be re-activated by means of a hot air gun after the airing time has been exceeded.

Please note that the surfaces coated with ARDEX AF 635 adhesive must be placed together within the open time of 6 hours. Once adhered consolidate under maximum, even pressure. Once the surfaces are pressed together, apply pressure using a cork board, hand roller, or a soft rubber mallet to ensure full contact is achieved between both surfaces.

If required, a hot air gun can be used to shorten the drying time. This can also soften cove or skirting on floor and wall coverings, making the materials more flexible when fitting to coves and corners. Avoid excessive heat on resilient products, as deformation can occur. Hot welding of vinyl flooring should not be carried out for at least 24 hours after installation. In small areas, stair nosing and corners we recommend applying the adhesive with a brush. Airing time: approx. 20-50 minutes depending on the absorbability of the subfloor and approx. 150 minutes for heavily textured textile flooring, preferably overnight.

Floors can receive foot traffic immediately after application.

NOTE: The two surfaces, subfloor or background and profiles or floorcoverings, must be in the correct position, as the adhesive will form an immediate bond, and repositioning will not be possible.

PACKAGING

ARDEX AF 635 is packed in plastic tubs 2.5kg net weights. After use ensure the lid is placed back on the bucket and stored correctly.

COVERAGE

Approximately 400 - 500 g/m² for Textile flooring, linoleum and impact walls using a short pile velour roller or a brush.

Consumption is dependent on surface structure and absorbability of subfloor. The actual coverage achieved in practice is affected by application technique as well as the texture and absorbency of the subfloor.

STORAGE

ARDEX AF 635 must be stored in unopened packaging, clear of the ground in cool dry conditions and be protected from excessive draught. If stored correctly, as detailed above, the shelf life of this product is 12 months from the date shown on the packaging.

PRECAUTIONS

Consult the relevant Health & Safety Data Sheets for further information.

For the latest technical or health and safety information on this product, consult the current product or health and safety data sheet online at: **www.ardex.co.uk**

WORDING AND TERMINOLOGY

Airing Time

The time the adhesive must be left to air before applying the floorcovering. 20-50 minutes*

Working Time

The time in which the adhesive can receive the floorcovering, after the initial airing time. Up to 6 hours*

Open Time

The combination of airing and working time. Up to 6 hours*

*depending on the absorbency of the subfloor and ambient conditions, (20°C & 50% RH). The guidance from the floorcovering manufacturer should always be followed if different from the information contained in this Technical Data Sheet.

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TECHNICAL DATA

According to ARDEX Quality Standards: Raw Material Base: special dispersions

Material Requirement: 250-500g/m²

Application	Refer to coverage section of this datasheet.
Temperature:	Not below 15°C
Relative Atmosphere inc Humidity (RH):	Not above 75%
Floor coverings:	Lower temperatures and higher RH will prolong the airing time, and reduce bond strength. The times indicated are based on 20°C and 50% RH.
Cleaning Agent:	Clean/remove excess adhesive from tools and the final floor with water before the adhesive dries.
Resistant to Chair Castors:	Yes (castors in accordance with DIN –EN 12 529)
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.

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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