



ARDEX AF 825

Surface Tackifier

Install floor coverings in as little as 10 minutes, or up to 24 hours after application

Instant release allows worn or damaged tiles to be removed easily

Suitable for raised access flooring

High temperature resistance, suitable for use over underfloor heating systems

Extremely low odour

Solvent free

Covers up to 125m²



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DESCRIPTION

ARDEX AF 825 is a water-based, extremely low odour, solvent free, acrylic, emulsion-based floor covering tackifier. ARDEX AF 825 is odourless when dry, and has a short airing time and permanent tack. It is protected from biodegradation and has good resistance to plasticiser migration.

ARDEX AF 825 meets the requirement guidelines for the EMICODE licence 'EC1 PLUS', achieving the lowest possible emission limits.

USE

ARDEX AF 825 is designed for securing carpet tiles with bitumen, felt, fleece and PVC/PUR backings. It can also be used as a release adhesive for securing carpet underlays using the "double stick" method of adhering broadloom carpets with ARDEX AF 325 Carpet Adhesive.

ARDEX AF 825 can be used with all ARDEX ENDURA Cementitious Levelling and Smoothing Compounds in both commercial and domestic locations, and is suitable for use with chairs fitted with castor wheels.

PRIMING

Priming is not required, however, on highly absorbent surfaces it can be advantageous to prime with P 51 Priming and Bonding Agent diluted 1:3 with cold, clean water. This will maintain the working time and ensure maximum coverage of the adhesive.

SUBSTRATE PREPARATION

The subfloor must be hard, clean, free from barrier materials, sound and smooth in accordance with the relevant clauses of BS 5325 and BS 8204.

Any dust should be removed using suitable vacuum equipment, prior to applying ARDEX AF 825, as it can affect both the coverage and performance of the adhesive.

Uneven subfloors should be levelled with the appropriate ARDEX ENDURA Cementitious Levelling and Smoothing Compound e.g. CL 11 or K 301.

MIXING

ARDEX AF 825 is ready for use, but for optimum performance the adhesive should be thoroughly mixed to ensure the even dispersion of polymers before applicatio

APPLICATION

ARDEX AF 825 has a reduced airing time of approximately 30 minutes on non-absorbent surfaces such as raised metal access panels. On absorbent surfaces this airing time is reduced to approximately 10 minutes. Once dry the adhesive will remain workable for up to 24 hours.

The installation area and subfloor should be kept at the appropriate temperature as specified by the floor covering manufacturer and the relevant clauses of BS 5325.

These temperatures need to be maintained 48 hours prior to installation, during installation, and 48 hours after installation.

ARDEX AF 825 should be applied evenly to the suitably prepared substrate using a short to medium pile or foam roller, and allowed to fully dry to a transparent film before placing any floor coverings or carpet underlays. Placing textiles/ underlays in to the wet adhesive will create a permanent bond and removal will not be possible.

Remove any air pockets with a cork board or rubbing tool whilst the adhesive is still wet, and roll the floor covering with a 68kg roller and/or a smoothing tool if required.

When applying adhesive onto the substrate, ensure that any adhesive which is surplus to requirements, and has been moved across the subfloor, is not placed back into the container. It should be placed into an alternative container for safe, easy disposal. This will avoid possible contamination issues.

After installation of the floor covering/carpet underlay, removal and replacement is possible repeatedly, whilst the adhesive is still tacky. Avoid dust contamination of the adhesive bed when removing floor coverings.

If necessary apply another layer of adhesive and allow to dry before the replacement of any floor covering.

When ARDEX AF 825 is applied to raised access floors, avoid getting any adhesive between the joints of individual panels. If necessary, seal the joints between raised access panels with masking tape before application of the adhesive

UNDERFLOOR HEATING

Underfloor heating systems should be commissioned in accordance with the heating manufacturer`s instructions; if comment cannot be found then the guidance given in BS 5325 and BS 8204 should be followed.

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Thermal cycling of the subfloor will require raising the temperature of the substrate slowly, usually 10°C a day, to full operating temperature, held for a defined period, and slowly brought back down, usually 10°C a day, so that any shrinkage that is likely to take place occurs before the floor covering is installed.

If moisture tests are required to verify the relative humidity of the substrate, the underfloor heating system should be switched off for 48 hours prior to testing.

If moisture testing is not required, or after the tests are completed, the heating system should be stabilised to room temperature, but not below 15°C, before installing the floor covering.

The floor covering should be allowed to acclimatise to the substrate temperature before installation with ARDEX AF 825.

After installation allow at least 48 hours of constant temperature for the adhesive to properly cure, before slowly increasing the temperature up to the normal operating temperature of the area.

HIGH TEMPERATURE

ARDEX AF 825 is suitable for use over underfloor heating systems and is classified as high temperature resistant. The surface floor temperature must not exceed 30°C. Consult the floor covering manufacturer for detailed guidance.

For areas subjected to prolonged or extreme solar gain, such as southerly facing aspects, consider the use of ARDEX AF 2575 or ARDEX AF 2525 Heavy Duty Adhesives.

CLEANING

Remove spills or seepage through joints with a cloth moistened with water before the adhesive dries.

Aggressive cleaning agents should only be used with the permission of the floor covering manufacturer.

PACKAGING

ARDEX AF 825 is packed in plastic tubs 10kg net weight.

COVERAGE

The actual coverage achieved in practice is affected by application technique, as well as the texture and absorbency of the subfloor.

Flooring Type	Roller Type	Coverage
Carpet Tiles	Foam	Up to 125m ²
Carpet Tiles/Carpet Underlay	Short Pile	Up to 84m ²

STORAGE

ARDEX AF 825 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 container.

PRECAUTIONS

ARDEX AF 825 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 further information.

Product contains isothiazolones. May produce an allergic reaction.

WORDING AND TERMINOLOGY

Airing Time

The time the adhesive must be left open before applying the floorcovering. Between 10-60 minutes*

Working Time

The time in which the adhesive can receive the floor covering, after initial airing time. Up to 24 hours after application*

Open Time

The combination of airing and working time. Up to 24 hours*

* depending on the absorbency of the subfloor and ambient conditions, (20 C & 65% RH).

The guidance from the floor covering manufacturer should always be followed if different from the information contained in this Technical Data Sheet.

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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.

Distributed by Indian offices

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