



ARDEX AF 825

Surface Tackifier for Carpet Tiles

Install floorcoverings 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

Suitable for use over underfloor heating systems

Extremely low odour

Solvent free

Covers up to 125m²



ARDEX Australia Pty Ltd
20 Powers Road
Seven Hills NSW 2147
Phone: 1300 788 780
Fax: 1300 780 102
Email: technicalservices@ardexaustralia.com
www.ardexaustralia.com

ARDEX New Zealand Ltd
15 Alfred Street
Onehunga, Auckland 1061
Phone: 0800 227 339
Fax: (03) 384 9779
Email: info@ardexnz.com
www.ardex.co.nz

ARDEX AF 825

Surface Tackifier for Carpet Tiles

DESCRIPTION

ARDEX AF 825 is a water-based, extremely low odour, solvent free, acrylic, emulsion-based floorcovering 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 2365 Universal Adhesive.

ARDEX AF 825 can be used with all ARDEX 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 ARDEX P 51 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 contain an effective damp proof membrane and be dry, with an equilibrium relative humidity of 75% or below. Where an effective damp proof membrane is absent, or the relative humidity of the subfloor is above 75% RH, consult the ARDEX Moisture Control brochure or contact ARDEX Technical Services for the correct product selection.

The surface being adhered to must be clean, firm and free dust, dirt, oil, grease, curing compounds, release agents and other barrier materials. The surface being adhered to must also be sound and smooth in accordance with the relevant clauses of NZS/AS 1884:2013.

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 levelling and smoothing compound e.g. ARDITEX

NA or ARDEX K 15 Micro.

ARDEX A 45 can be used for repairs to the subfloor/stairs etc., in accordance with the product data sheet.

Fabricated underlays such as flooring grade plywood, (SP101) should be installed where required over existing timber bases. Wood-based fabricated underlays should be suitable for the floorcovering and be at the equilibrium moisture content they will have in service at the time they are covered. Light organic solvent preservative (LOSP) treated plywood is not a suitable substrate.

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 application.

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 floorcovering manufacturer and the relevant clauses of NZS/AS 1884:2013.

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 floorcoverings 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 floorcovering 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 floorcovering/carpet underlay, removal and replacement is possible repeatedly, whilst the adhesive is still tacky. Avoid dust contamination of

the adhesive bed when removing floorcoverings.

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

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 NZS/AS 1884:2013 should be followed.

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

If possible, 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 possible, or after the tests are completed, the heating system should be stabilised to room temperature, but not below 15°C, before installing the floorcovering.

The floorcovering 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 at a rate of approximately 2°C per day.

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 floorcovering manufacturer for detailed guidance.

For areas subjected to prolonged or extreme solar gain, such as northerly facing aspects, consider the use of ARDEX AF 180 MS 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 floorcovering manufacturer.

PACKAGING

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

COVERAGE

See table below.

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

STORAGE

ARDEX AF 825 has a shelf life of 12 months if stored in good conditions, between 5°C and 30°C, in the original unopened container. Do not allow to freeze.

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 Safety Data Sheets for further information.

ARDEX AF 825 contains isothiazolones. Which may produce an allergic reaction.

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

WORDING AND TERMINOLOGY -

Airing Time

The time the adhesive must be left open before applying the floorcovering. Between 5-60 minutes*.

Working Time

The time in which the adhesive can receive the floorcovering. Up to 24 hours after the application*.

Open Time

ARDEX AF 825

Surface Tackifier for Carpet Tiles

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

*depending on the absorbency of the subfloor and ambient conditions.

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

Toll Free Technical Services:
1800 224 070 (Australia)
0800 227 339 (New Zealand)

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

© ARDEX New Zealand Ltd 2017.

All aforementioned products are the trademarks of ARDEX New Zealand Ltd, its licensors and affiliates.

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