



ARDEX AF 271

Pressure Sensitive Carpet Tile Adhesive

For the installation of vinyl and non vinyl backed carpet tiles

Direct stick and double bond installation

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Pressure Sensitive Carpet Tile Adhesive

DESCRIPTION

Acrylic water based carpet tile adhesive for internal use free of hazardous organic solvents.

SPECIAL PROPERTIES

- Pressure sensitive adhesive for semi permanent (releasable) carpet tile and underlay installation
- Can be installed using a long nap roller or 1.6mm "V" notched trowel
- Excellent initial grab for permanent underlay and carpet tile installation
- Low VOC content

APPLICATION

Internal semi permanent and permanent installation for carpet tile and dual bond underlay.

FLOOR COVERINGS

- Vinyl backed carpet tile
- Non-vinyl backed carpet tile for permanent application
- Vinyl Composite Tiles (VCT)
- For other carpet tile backing, consult ARDEX Technical Services

IN THE ARDEX SYSTEM

To ensure enhanced performance, reliability and warranty always use ARDEX flooring adhesives within System ARDEX. Other System ARDEX products include:

- ARDEX Moisture Barrier
- ARDEX Concrete Sealer
- ARDEX Substrate Primers
- ARDEX Self levelling and Smoothing Compounds
- ARDEX Finishing Compounds

SURFACE PREPARATION

All substrates must comply with local standards*. In particular it must be level, permanently dry, firm, load-bearing, free from curing compounds, cracks and also have high tensile and compressive strength and must be prepared accordingly.

SUITABLE SUBSTRATES

ARDEX AF 271 is designed to bond carpet tile and carpet pad underlay onto:

- Hardboard underlay approved to AS 1859
- Concrete
- Timber
- Terrazzo

Contact ARDEX Technical Services for other substrates including ceramic tiles and metal substrates.

DIRECTIONS FOR USE

Refer to floor covering manufacturer's instructions and current AS1884 and AS2455. Condition adhesive and floor coverings as per current Australian standards AS 1884 for vinyl and AS 2455 for carpet. The temperature of the substrate and working area must be a minimum of 15°C and maximum of 28°C.

- For permanent installation of VCT, allow adhesive to dry and become clear and tacky. Lay VCT into the adhesive. Cut, fit and reposition immediately.
- For permanent installation of carpet underlay to the substrate, set carpet underlay into wet adhesive and allow it to dry.
- For semi permanent (releasable) carpet tile and underlay installation allow the adhesive to set open until dry to touch, approximately 1 – 2 hours. When the adhesive is transparent and dry to the touch, the adhesive will be tacky with no transfer to fingers. Cut, fit and reposition as appropriate. Roll the floor coverings in both directions with suitable roller as per manufacturer's recommendations to ensure 100% adhesive contact. Do not expose to heavy traffic for 24 hours. Do not expose to water from cleaning or other sources for a minimum of 30 days.

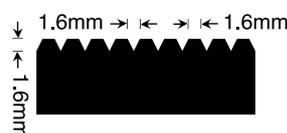
SAFETY DATA

Avoid contact with skin and eyes; in case of contact with the eyes, wash out immediately with fresh running water. If irritation continues, seek medical attention. Wear protective gloves, clothing, face and eye protection. Avoid inhaling dust/ fume/ gas/ mist/ vapours/ spray. Ensure adequate ventilation during mixing and application. Check with your local Council regarding the disposal of contents. Keep out of the reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at www.ardexaustralia.com

NOTE: Do not reuse container. Dispose of container and adhesive residue in accordance with Federal, State and Local bodies waste disposal regulations. Do not flush adhesive down drains.

TECHNICAL PROPERTIES

Colour	White
Priming	If required, prime porous substrate with ARDEX P 51 Dilution 1:3
Coverage	Using long nap roller approximately 8 – 10m ² /L for the installation of smooth backed carpet tiles and double bond underlays. Using a 1.6x1.6x1.6mm V-Notch trowel approximately 5.0m ² /L for the installation of VCT & textured backed carpet tiles and double bond underlays. Contact ARDEX Technical Services for further instructions on double bond Carpet Tiles installation.



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Tack-off time	1 – 2 hours for semi permanent carpet tile installation depending on site ambient conditions
Working time	Working time is for the life of the adhesive for semi-permanent carpet tile installation providing that the adhesive is not exposed to dust and other contaminants
Site variability	Site conditions including porosity, temperature and humidity will alter coverage, tack and working time
Packaging	15 Litre pail containing 18kg of adhesive
Removal	Wet: Clean with warm soapy water Dry: Clean with mineral spirits carefully following warnings on container
Shelf life	12 months from date of manufacture in unopened container stored at 23°C and 50% relative humidity

Note: Always carry out your own site test to confirm suitability of this product with your application.

GUARANTEE

Ardex Australia Pty Ltd (“we” or “us”) guarantees this product (“our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (Ardex Australia Pty Ltd, 20 Powers Road Seven Hills NSW 2147; Toll Free: 1800 224 070; Email: technicalservices@ardexaustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a “consumer” under the Australian Consumer Law and to that extent you need to be aware that: “Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure”.

DISCLAIMER

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 Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system. 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 affect 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.

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This data sheet was issued in June 2020 and is valid for 3 years, in some instances a newer version may be published. Always refer to www.ardexaustralia.com for the latest technical data from ARDEX Australia Pty Ltd.