



ARDEX AF 271

Pressure Sensitive Carpet Tile Adhesive

Suitable for carpet tiles, dual bond underlay, and vinyl composite tile

Install with v-notch trowel or roller

Low voc and designed with antimicrobial properties

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DESCRIPTION

ARDEX AF271 is a pressure sensitive adhesive designed for the installation of carpet tiles, vinyl composite tiles and dual bond underlay.

FLOOR COVERINGS AND UNDERLAYS

- Vinyl Backed Carpet Tiles
- Non-Vinyl Backed Carpet Tiles
- Vinyl Composite Tiles
- Dual Bond Underlay

SUBSTRATES

- Internal concrete
- Cementitious underlayments over concrete
- Hardboard underlay conforming to AS/NZS 21854.9
- HP MDF conforming to AS/NZS 1859.2
- Plywood underlay grade C conforming to AS/NZS2269.0
- Fibre cement sheet conforming to AS/NZS 2908.2

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

SUBSTRATE PREPARATION

Ensure all surfaces are dry, smooth, clean, and absorbent for a strong bond. Follow Australian Standard 1884 for resilient sheet flooring, including moisture testing. Prime highly absorbent sub floors with ARDEX P 51 Primer before applying adhesive. Refer to the ARDEX P 51 technical datasheet for dilution ratios.

Damp or Green Concrete

When a concrete substrate moisture content is measured at greater than 80% relative humidity (ASTM F2170) or exceeds 15gm/m²/24hrs (ASTM F1869) when tested in accordance with AS 1884.

Option 1 - A single coat of ARDEX WPM 300 applied at 3m²/litre will act of a moisture stop for green concrete not subject to rising damp or permanent moisture. To make ready for a levelling compound, ARDEX Primer Sand should be broadcast over the wet ARDEX WPM 300 as per the technical data sheet. Let cure overnight prior to removing the excess sand

Option 2 - A single coat of ARDEX WPM 368 applied at 3m²/litre per coat acts as a moisture stop for 'green concrete' not subject to rising damp or permanent moisture. The ARDEX levelling compound can be applied directly onto the cured WPM 368 without the need of primer.

Where rising damp is present or concrete moisture exceeds 90% RH, consult ARDEX technical bulletin 192 - Smoothing Cement - Moisture Barrier Systems or contact ARDEX Technical Services (1300 788 780)

Note: 3mm of ARDEX levelling compounds must be installed above the ARDEX moisture barrier system.

DIRECTIONS FOR USE

Acclimatisation: Maintain consistent temperatures (as per AS 1884

and floor covering manufacturer) 48 hours before, during, and after installation, in line with the Australian Standard 1884.

AF 271 should be applied per the table below dependant on the flooring type. ARDEX AF 271 should always be allowed to cure to a clear film prior to the installation of the covering. The time for the adhesive to reach a clear film will be dependant on atmospheric conditions.

Complete the installation based on the manufacturers recommendations and always roll the installation on completion using a weighted roller.

Do not allow heavy traffic for 24 hrs.

DIRECTIONS

Flooring Type	Trowel	Coverage
Textured backed carpet tiles	V1 trowel	Up to 5m ² / Litre
Smooth backed carpet tiles	Long nap roller	Up to 7m ² / Litre
Textured dual bond underlays	V1 trowel	Up to 5m ² / Litre
Smooth dual bond underlays	Long nap roller	Up to 7m ² / Litre
Vinyl composite tiles	V1 trowel	Up to 5m ² / Litre

Note: Coverage will vary dependant on the texture and porosity of the substrate. Confirm trowel size by site verifying sufficient transfer of adhesive to floor coverings

TECHNICAL PROPERTIES

Colour	Cream
Tack Off Time	1-2 hrs
Cure Time	24hrs
Packaging	15 litre Pail (18kg)
Site Variability	Site conditions including porosity, low/high temperature and humidity will alter coverage, setup and working time
Clean up	Wet adhesive: Clean with warm soapy water Dry adhesive: Clean with mineral spirits carefully following warnings on container

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STORAGE

ARDEX AF 271 has a shelf life of 12 months when stored in original unopened packaging, in a dry place at 23°C and 50% RH.

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 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.

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, 2 Buda Way, Kemps Creek, NSW 2178; 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 or 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

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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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