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# ARDEX AF 171

## Universal Vinyl Adhesive

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Vinyl plank

Vinyl sheet

High tack

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# ARDEX AF 171

## Universal Vinyl Adhesive

### SPECIAL PROPERTIES

- Fast grab with very strong ultimate bond
- Excellent dimensional stability
- Excellent resistance to plasticiser migration
- Low VOC

### PRODUCT DESCRIPTION

Indoor water based adhesive.

### APPLICATION

Permanent internal installation.

- Vinyl plank
- Wall sheet vinyl
- Sheet vinyl
- Linoleum
- Direct stick and double bond carpet installation
- Acoustic mat

### IN THE ARDEX SYSTEM

To ensure enhanced performance, reliability and warranty always use ARDEX 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 a high tensile and compressive strength.

### SUITABLE SUBSTRATE

- Hardboard underlayment board approved to AS2458
- Cementitious underlayment
- Dry concrete where there is less than 80% RH when tested with in situ probe test

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

### DIRECTIONS FOR USE

Refer to floor covering manufacturer's instructions. Condition adhesive and floor coverings to working area temperature 24 hours prior to, during and after installation. Ambient Installation temperature of working area and substrate to be a minimum of 15°C and a maximum of 28°C as per AS 1884-2012

Apply evenly to a suitably absorbent substrate using specified trowel, holding it at an angle of approximately 60 degrees. Avoid concentrations of adhesive. Allow the adhesive to 'set up' to develop sufficient wet tack

approximately 10 – 15 minutes depending on substrate porosity and ambient conditions. Install the floor covering and peel back to ensure sufficient wet adhesive transfer. Roll the floor covering as per manufacturer's instruction. Adjust floor coverings within 10 – 15 minutes and re-roll. Do not adjust after this. Avoid foot traffic for 12 hours after installation.

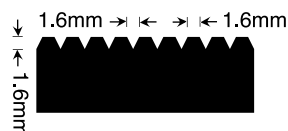
### SAFETY DATA

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](http://www.ardexaustralia.com)

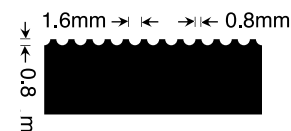
NOTE: Do not reuse container. Dispose of container and adhesive residue in accordance with Federal, State and Local bodies waste disposal regulations. Do not flush adhesive down drains.

### TECHNICAL PROPERTIES

<b>Colour</b>	Off white
<b>Priming</b>	If required prime porous substrate with ARDEX P 51 Dilution 1:3
<b>Coverage</b>	Using a 1.6x1.6x1.6mm V-Notch trowel approximately 5.0m <sup>2</sup> /L.



Using a 0.8x1.6x0.8mm U-Notch trowel approximately 7.0m<sup>2</sup>/L.



**Note:** Confirm trowel size by site verifying sufficient transfer of adhesive to floor covering.

<b>Setup time</b>	Approx 10 – 15 minutes
<b>Working time</b>	Approx 15 – 20 minutes
<b>Site variability</b>	Site conditions including porosity, low/high temperature and humidity will alter coverage, setup and working time
<b>Packaging</b>	15 Litre pail containing 18kg of adhesive
<b>Removal</b>	Wet: Clean with warm soapy water Dry: Clean with mineral spirits carefully following warnings on container

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## Universal Vinyl Adhesive

**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](mailto: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](http://www.ardexaustralia.com) for the latest technical data from ARDEX Australia Pty Ltd.

\* AS1884-2020 – 80% RH insitu or MVER 15gms/sqm/24hrs (2012 version is RH 75% insitu and 70% onslab)  
AS2455-2019 – 75% RH insitu or 70% RH onslab