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# ARDEX AF 178

## Universal Sheet Vinyl Adhesive

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Water based acrylic co-polymer blend

Long working time of 60 minutes

Outstanding initial grab

Fast setup start installation faster

Superior plasticiser migration resistance

Excellent workability and user friendly

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### SPECIAL PROPERTIES

- Superior tack
- Installation speed
- Excellent dimensional stability – reduces potential for shrinkage and expansion
- Outstanding Plasticiser Resistance
- No odour when dry
- Versatile – excellent adhesion to various substrates

### PRODUCT DESCRIPTION

Universal water based acrylic adhesive for various vinyl backed floor coverings.

### APPLICATION

Internal permanent installation.

### FLOOR COVERINGS

Sheet vinyl, vinyl tiles and planks in permanent applications.

### IN THE ARDEX SYSTEM

To ensure enhanced performance, reliability and warranty always use ARDEX adhesives within SYSTEMARDEX. Other SYSTEMARDEX 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 AS 1884 and AS 2455 as applicable. 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 and must be prepared accordingly. Alkali readings to be between 5 and 9.

### SUBSTRATE BONDING GUIDE

- Hardboard underlayment board approved to AS 2458
- Cementitious underlayment
- Dry concrete where there is less than 5.5% moisture content or 70% RH.

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 and 48 hours after installation.

Installation temperature of working area and substrate to be a minimum of 10°C and a maximum of 30°C.

Allow the adhesive 'setup' approximately 15-25 minutes. Setup and Working time will vary based on job conditions, substrate, temperature and humidity.

Apply evenly to a suitably prepared substrate using a 1.6mm V-notch trowel. Avoid concentrations of adhesive and discard used trowels.

Fit and install floor covering into position accordingly. Roll the flooring in both directions using the recommended roller (normally 35-50kg). Avoid traffic for 12 hours after installation.

NOTE: Do not reuse container. Dispose of container and adhesive residue in accordance with Federal, State and Local waste disposal regulations. Do not flush adhesive down drains. Freeze-thaw stable to -5°C. Avoid low temperatures or multiple freeze-thaw cycles.

### SAFETY PRECAUTIONS

#### KEEP OUT OF REACH OF CHILDREN.

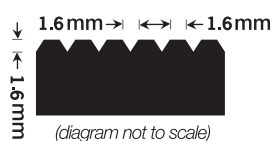
**CAUTION: IRRITANT.** Avoid eye and skin contact. If eye contact occurs, flush with water for 15 minutes and call physician. Wash skin thoroughly with soap and water. Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Keep container closed.

During the installation process, adequate ventilation of the work area should be maintained without causing the entry of contaminants to other parts of building.

Material Safety Datasheet is available upon request, available from the ARDEX website [www.ardex.com](http://www.ardex.com) or from point of sale.

## TECHNICAL PROPERTIES

<b>Colour</b>	Off white
<b>Priming</b>	If required prime porous substrate with ARDEX P 51
<b>Coverage</b>	Using 1.6 mm V-notch trowel approx 5m <sup>2</sup> /L



<b>Set up time</b>	Approx 15-25 minutes
<b>Working time</b>	60 minutes
<b>Site variability</b>	Site conditions including porosity, temperature and humidity will alter coverage, tack 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
<b>Shelf life</b>	One year from date of manufacture in unopened container stored at 23°C and 50% RH.

### 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 Standard, 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 Australia Pty Ltd 2011. All aforementioned products are the trade marks of ARDEX Australia Pty Ltd, its licensors and affiliates.

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