ARDEX AF 178

Universal Sheet Vinyl Adhesive

Water-based acrylic co-polymer blend

Outstanding initial grab

Fast setup – start installation faster

Superior plasticizer migration resistance

Excellent workability and user-friendly

Green product certified material

MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001 · ISO 14001

ARDEX-QUICSEAL SINGAPORE PTE. LTD.
26 Tuas Ave 4 Singapore 639376
Telephone: +65 6861 7700
Fax: +65 6741 4666
Email: sales@ardex-quicseal.com
Website: www.ardex-quicseal.com

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DESCRIPTION
Universal water-based acrylic adhesive for various vinyl backed floor coverings.
For internal, permanent installations.

FEATURES & BENEFITS
- 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 substrate coverings

FLOOR COVERINGS
Sheet vinyl, vinyl tiles and planks in permanent applications.

SURFACE PREPARATION
Subfloors must be level, permanently dry, solid and free from cracks, dirt and adhesion-inhibiting substances. Apply corresponding ARDEX levelling compounds to non-absorbent and uneven subfloors.

PRIMING
Priming is not required, however, on highly absorbent surfaces it can be advantageous to prime with ARDEX P 51 Priming and Bonding Agent diluted 1:3 with cold, clean water. This will maintain the working time and ensure maximum coverage of the adhesive.

APPLICATION
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 10 – 20 minutes. Setup and working time will vary based on job conditions, substrate, temperature and humidity.

Apply evenly to a suitably prepared substrate using a A1 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.

RECOMMENDED NOTCHED TROWEL AND COVERAGE
The average coverage peer 15 L pail is 75 m^2 (approx. 250-550g/m^2). The actual coverage achieved in practice is affected by application technique as well as the texture and absorbency of the subfloor.

TECHNICAL DATA

Colour:	Off white
Setup time:	approx. 10 - 20 minutes
Working time:	approx. 20 - 30 minutes
Cleaning:	wet: clean with warm, soapy water dry: clean with mineral spirits carefully following warnings on packaging

PACKAGING
ARDEX AF 178 is available in 15L plastic pail, containing 18kg of adhesive.

STORAGE AND SHELF LIFE
Stored in the original sealed container, in a dry, cool place, the shelf life of ARDEX AF 178 is 12 months.

SAFETY PRECAUTIONS
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. During the installation process, adequate ventilation of the work area should be maintained without causing the entry of contaminants to other parts of the building.
Consult the relevant Safety Datasheet for further information (available upon request and online at www.ardex-quicseal.com).

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DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development.

Offices:

Malaysia:
ARDEX QUICSEAL MALAYSIA SDN. BHD.
72-2, Jalan Puteri 2/2 Bandar Puteri 47100,
Puchong, Selangor Darul Ehsan
Malaysia
Phone: +603 8051 0311
Email: sales.malaysia@ardex-quicseal.com

Thailand:
ARDEX (THAILAND) CO., LTD
969 2nd Floor, Moo 13, Soi 45, Bangna-Trad Road
Bangkaew, Bangplee, Samutprakarn 10540 Thailand
Telephone: +66 2316 3069 Fax:+66 2316 3075
Email: sales@ardex.co.th
Website: www.ardex.co.th

Vietnam:
Mobile: +84 901 351 308
Email: sales@ardex-quicseal.com

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