



ARDEX AF 545

Heavy Duty Epoxy Adhesive

Ultimate Bond Strength - long-term performance and reliability

Water resistant - suitable in wet conditions

Heavy duty grab - installs difficult coverings

Soft consistency - easy to mix, trowel and use



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DESCRIPTION

Two part multi purpose epoxy flooring adhesive. Internal and external installations.

SUITABLE SURFACES

- Vinyl composition tile (VCT)
- Commercial homogenous sheet vinyl
- Linoleum
- Rubber tile / Most recycled rubber
- Rubber and vinyl stair treads

SURFACE PREPARATION

All substrates must be level, protected from moisture, firm, loadbearing, free from curing compounds, cracks and also have a high tensile and compressive strength and must be prepared accordingly.

PRIMING

Refer to floor covering manufacturer's instructions. If required, prime porous substrates with the water-based primer and bonding agent ARDEX P 51.

APPLICATION

Condition adhesive and floor coverings to working area temperature 24 hours prior and 48 hours after installation.

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

Mixing ratio is 1.5 : 1 by weight. Add part Part A into part Part B (1A : 1B) by volume.

Mix thoroughly till homogenous in colour and texture. Once mixed, the adhesive is ready for immediate use.

Trowel evenly onto substrate avoiding concentrations of adhesive. Install covering immediately into wet adhesive. Cut, fit, position and roll covering within 60 minutes.

SPECIAL INSTALLATION INSTRUCTION

Many recycled rubber contain chemicals that may inhibit bond integrity. If the composition of the recycled rubber is unclear, conduct a bond test. Lightly sand rubber stair treads and clean with white spirits and allow to dry before applying adhesive.

RECOMMENDED NOTCHED TROWEL AND COVERAGE

On a primed, smoothed substrate with 0.8 x 1.6 x 2.0mm U-notch trowel approx. 6m² per kg of mixed adhesive. Site conditions including porosity, temperature and humidity will alter coverage, tack and working time.

CLEAN UP

Wet: Clean with warm soapy water

Dry: Clean with mineral spirits carefully following warnings of container

PACKAGING

ARDEX AF 545 kit consists of Part A 2.5kg and Part B 2.0kg.

STORAGE AND SHELF LIFE

Stored in the original sealed pail, in a dry, cool place, the shelf life of ARDEX AF 545 is 12 months.

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. Consult the relevant Material Safety Datasheet for further information (available upon request and online at www.ardex.com.sg).

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

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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.

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