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# ARDEX E 25

## Synthetic Resin Dispersion

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Improving Mortars and Levelling Compounds for High Loads

Increases Elasticity and Walkability

Solvent-Free

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# ARDEX E 25

## Synthetic Resin Dispersion

### DESCRIPTION

ARDEX E 25 ADMIX is a milky synthetic resin dispersion, when mixed with ARDEX Floor Levelling Products improves tensile strength for high traffic applications.

### ARDEX E 25 AS A MORTAR ADMIX

The diluted additive is used in place of water when mixing ARDEX sub-floor levelling compounds. The ARDEX Floor Levelling Compound is applied in the usual way, except that ARDEX E 25 diluted 1 part by volume with 2.5 – 5 parts by volume of water is used in lieu of tap water. (The mixing ratio will depend on the end use). The ARDEX E 25 additive produces where necessary, a levelling compound with higher tensile strength, greater elasticity and improves walkability and surface hardness as a result of additional synthetic binding. Applications where the diluted ARDEX E 25 mixes are recommended are as follows:

1. Where higher than normal strength or abrasion resistance is required, i.e. heavy wheeled traffic or castor wheels and other highpoint loadings (1 part ARDEX E 25 to 2.5 parts of water).
2. Where the ARDEX levelling compound has to be unavoidably left open or used as a temporary wearing surface before floorcovering is laid (1 part ARDEX E 25 to 2.5 parts of water).
3. When repairing stair treads (1 part ARDEX E 25 to 2.5 parts of water).
4. When used as a levelling compound beneath paint and epoxy floor finishes, parquet and rubber flooring (1 part ARDEX E 25 to 2.5 parts of water).
5. When used in centrally heated buildings and over underfloor heating. Underfloor heating must be turned off 48 hours before applying a levelling compound so that the sub-floor is cold (normal temperature) before it is applied and then left off for 48 hours per 5mm thickness and gradually brought up to operating temperatures. Precautions against rapid drying should still be observed (1 part ARDEX E 25 to 2.5 parts water).
6. When levelling rigid timber and metal decking (1 part ARDEX E 25 to 2.5 parts water).
7. When levelling over ARDEX WPM 300 Moisture Barrier with ARDEX P 82 primer for installation of vinyl tile and sheet, carpet and ceramics (1 part ARDEX E 25 to 4.5 parts water).

### MATERIAL REQUIREMENT

Typical mix design for ARDEX K 15 over ARDEX WPM 300 Moisture Barrier:  
1 litre ARDEX E 25 plus  
4.5 litres water per  
20 kg ARDEX K 15

ARDEX K 15 over timber, metal, epoxy coatings, over floor heating, to accept high traffic castor wheels, parquet and rubber flooring:

1.6 litres ARDEX E 25 plus  
4 litres of water per 20kg ARDEX K 15

### PACKAGING

ARDEX E 25 is supplied in 5 litre containers.

### SHELF LIFE

ARDEX E 25 has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity. Protect from frost and direct sunlight.

### 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 and eye protection. Avoid inhaling dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. 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)

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