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# ARDEX E675

## Liquid Flexible Polymer Additive

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Improve adhesion and shear strength

Impart flexibility to accommodate movement

Improve water resistance

Improve bond strength for dense tiles and non-moisture sensitive stones

Increase durability & weatherability

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# ARDEX E675

## Liquid Flexible Polymer Additive

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### DESCRIPTION

**ARDEX E675** is a specially formulated liquid polymer additive for use with Polymer modified cement-based tile adhesive to impart flexibility and improved adhesion, water resistance and shear strength.

**ARDEX E675** is perfect for use in all interior and exterior situations, including those where thermal and moisture movement and vibration of the substrate is anticipated.

### SUBSTRATE PREPARATION

In general, the surface being adhered to must be clean, firm and free of dust, dirt, oil, grease and other barriers materials, as well as being strong enough to support the weight of the tiles being fixed.

Ensure surfaces are dry before tiling, with no residue or permanent damp, allowed elapse time prior to fixing the tiles. Prime porous substrates with suitable primers.

### MIXING

ARDEX E675 is used in place of water (approx. 6 – 7L) when mixing 25kg of cement-based tile adhesives. Mix continuously until a thick, creamy, lump free consistency is achieved. Do not re-tamper with water. Let the mix stand for about 60 seconds before application.

### APPLICATION

Use an appropriate notched trowel of the followings; to achieve minimum bed thickness and 100% coverage on the back of the tile.

- Floor: 10x10x10mm
- Wall: 6x6x6mm

Spread the adhesive of 1 - 2m<sup>2</sup> thick at a time, ensuring it does not skin prior to bedding the tiles. To optimize cost and performance do not apply ARDEX E675 mixes at a bed thickness greater than 10mm or less than 3mm.

Press and slide the tile at right angles according to the notch pattern to ensure 100% coverage on the back of the tile. Before the adhesive sets, remove surplus adhesive from the surface of the tile and joints. Allow to dry before grouting.

### DRYING TIME

When using the ARDEX E675, the drying time might extend slightly. Allow approximately 24 hours for tile adhesive to dry before allowing foot traffic.

### PACKAGING

ARDEX E675 is packed in 20 litres pail or 200 litres drum

### STORAGE AND SHELF LIFE

ARDEX E675 has a shelf life of 12 months if kept in a dry store between 10°C and 30°C in the original unopened containers. The product should be protected from frost, away from direct sunlight and sources of heat.

### LIMITATIONS

- ARDEX E675 modified tile adhesive has slightly shorter open time than standard mortars, especially in hot, dry conditions.
- Check for surface skins regularly prior to bedding tiles. In exterior conditions, it is essential to provide protection from all extremes of climate during the fixing, grouting & curing operation.

### TOOL CLEANING

All tools should be cleaned with water immediately after use.

### SAFETY PRECAUTIONS

ARDEX E675 is a non-toxic, However to avoid skin contact, protective clothing should be worn. In case of eye contact, rinse with plenty of water and contact doctor. If swallowed, immediately contact doctor. For further material safety data, consult the latest material safety data sheet.

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## TECHNICAL DATA

Mixing Ratio                    25kg powder: 6 - 7L  
Specific Gravity                ~ 1.03 kg/cm<sup>3</sup>

### **Application Properties** (@ 23°C and 50% RH)

   mixed with cement based tile adhesive  
Pot Life                            Approx 2 hours @ 23°C, 50 ± 5% R.H.  
Open Time                        Approx 20 mins @ 23°C, 50 ± 5% R.H.  
Drying Time before            Approx 24 hours @ 23°C, 50 ± 5% R.H.  
grouting

**DISCLAIMER:**

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent 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 standard, our instructions are 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 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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