



ARDEX E 90

Admix for Cement-based Tile Adhesives

Improve adhesion and imparts flexibility

For internal and external tiling

**Provide a water repellent mortar – when tiling in showers,
Swimming pools**

Allows direct fixing over existing tiles

Low VOC content

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ARDEX E 90

Admix for Cement-based Tile Adhesives

DESCRIPTION

ARDEX E 90 is a special synthetic for use in conjunction with ARDEX cement based adhesives.

The addition of ARDEX E 90 admix produces a mortar that is elastic, high adhesion and water resistant properties.

The ARDEX E 90 admix can be used internal and external tiling applications.

ARDEX E90 mixed with cement-based adhesives the use of the adhesive to situations where movement is anticipated e.g. external tiling, over fibre cement sheets/plasterboard and improves performance in swimming pools.

WHEN TO USE

The improved mortar is especially effective in the following situations: -

- Fixing of ceramic tiles onto fibre cement sheet, compressed fibre cement sheet and plasterboard etc., dry wall system.
- Fixing over existing tiles in areas that will not be in contact with water, tiles can be directly fixed without mechanical grinding the glaze. In all other situations the tile must be mechanically roughened to remove 80% of the glaze
- Tiling with cement based tile adhesives externally, to accommodate movement and help inhibit the formation of efflorescence.

ARDEX X 77 or X 18 mixed with E 90: -

- Fixing tiles in swimming pools.
- Fixing tiles onto fibre cement sheet, compressed fibre cement sheet and plasterboard etc., dry wall system.

When fixing dense tiles to dense substrate in humid/cold weather, the final set may be extended.

SUBSTRATE PREPARATION

Refer to instructions on the adhesive technical data sheet.

MIXING

The following mix ratios apply for nominated bags of adhesives, note that 1kg of E 90 is approximately 1 litre;

With ARDEX X77
4.5 L of E 90 to 9L of water

With ARDEX X 18
2.5L dilute with 5.6L clean water

When diluting ARDEX E 90 use clean water.
Add the powder to the diluted ARDEX E 90 whilst mixing thoroughly until an easily worked mortar is obtained.

FIXING TECHNIQUE

The mixed mortar is applied in the same way as the normal ARDEX adhesive mortar when fixing ceramic tiles, mosaics, etc.

For further information refer to the instructions on the relevant technical data sheets.

SAFETY PRECAUTIONS

Wash off skin before drying takes place. Any material splashed into the eye, mouth or nose should be washed away immediately with clean water. Avoid ingestion. If swallowed contact a doctor or hospital.

Not suitable for use as a primer.

For further materials safety data, please consult the Material Safety Data Sheet.

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 arise 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 program.

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