



ARDEX E 90

Admix for Cement-based Tile Adhesives

Improves adhesion and imparts flexibility

For internal and external tiling

Provides a water repellent mortar

Allows direct fixing over existing tiles

No mechanical grinding of the glaze required

Low VOC content

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ARDEX E 90

Admix for Cement-based Tile Adhesives

DESCRIPTION

ARDEX E 90 is a special synthetic dispersion for use in conjunction with ARDEX cement-based adhesives, such as ARDEX S16, ARDEX STS 8.

The addition of ARDEX E 90 admix produces a mortar that is elastic, has high adhesion and water repellent properties (refer to adhesive packaging for information on when to use ARDEX E 90).

ARDEX E 90 mixed with cement-based adhesives extends the use of the adhesive to situations where movement is anticipated e.g. external tiling, over fibre cement sheets/plasterboard, when tiling over heated subfloors.

The ARDEX E 90 mortar can be used in both internal and external tiling applications.

N.B. Not suitable for use as a primer.

USE

The improved mortar is especially

effective in the following situations:-

ARDEX E 90/ARDEX S16 or ARDEX STS 8: For fixing of ceramic tiles onto fibre cement sheet, compressed fibre cement sheet and plasterboard; For 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 tiles must be mechanically roughened to remove 80% of the glaze; When tiling with ARDEX STS externally, to accommodate movement and help inhibit the formation of lime bloom and efflorescence; For tiling over heated concrete; For improved protection of moisture sensitive substrates e.g. when fixing tiles in bathrooms, showers and kitchens. N.B. This treatment cannot be used to replace a conventional waterproofing membrane.

ARDEX E 90/ARDEX STS 8 White: For fixing tiles in swimming pools When fixing dense tiles to dense substrates in humid/cold weather, the final set may be extended.

MIXING

With ARDEX S16 or S16W (20kg): 3 litres ARDEX E 90 diluted with 3 litres of water.

With ARDEX STS 8 (20kg): 3.6 litres of ARDEX E 90 diluted with up to 5 litres of water.

When diluting ARDEX E 90 use clean water. Add the powder to the diluted ARDEX E 90 whilst stirring 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 packaging of the relevant adhesive.

PRECAUTIONS

A water-based polymer dispersion. 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. For further material safety data, consult the latest Material Safety Data Sheet.

Toll Free Technical Services:

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