



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 X 10, ARDEX X18, ARDEX 68 and many others.

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:-

With ARDEX X 10 : For increased stress applications; For improved performance when fixing of ceramic tiles onto flexible surfaces including fibre cement sheeting (internal walls) and plasterboard as well as compressed fibrecement sheet flooring; For tiling over heated sub-floors; For improved performance in external applications.

With ARDEX X 18 : As with ARDEX X 10 plus; for improved performance and adhesion to glass or highly vitrified porcelain tiles;

With ARDEX S 28 NEU : For high stress applications; when fixing over heated subfloors; for applications to flexible surfaces including metal, plasterboard or fibre-cement sheeting (internal walls); when fixing over DS 70 or other approved matts and sound deadening

With ARDEX X 77 : As with S 28 NEU plus; for improved performance for fixing to glass or highly vitrified porcelain tiles; for improved performance in bonding to compressed sheet flooring; and in applications for swimming pools

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

MIXING

With ARDEX X 68: 2 litres of E 90 with 4 litres of water

With ARDEX X 10: 2 litres of E 90 with 5 litres of water

With ARDEX X 18: 2 litres of E 90 with 4.5 litres of water

With ARDEX S 28 NEU:

Walls: 2 - 2.4 litres of E 90 with 4 - 4.8 litres of water

Floors: 1.8 - 2.2 litres of E 90 with 2.2 - 4.3 litres of water

For more adhesive options and mixing ratios, please read Technical Bulletin TB231 on ardex.co.nz

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 Safety Data Sheet.

Toll Free Technical Services:

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