



ARDEX E 90

Admix for cement based Tile Adhesives

Improves adhesion and imparts flexibility

For internal and external tiling

Provides a water resistant mortar – when tiling in showers, swimming pools

Allows direct fixing over existing tiles

Low VOC content – meets Green Building Council of Australia Green Star IEQ-13 requirements

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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.

The addition of ARDEX E 90 admix produces a mortar that is elastic, has high adhesion and water resistant properties (refer to adhesive packaging for information on when to use ARDEX E 90). The ARDEX E 90 mortar can be used in both internal and external tiling applications.

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 and improves performance in swimming pools.

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

WHEN TO USE

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

- 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 cement based adhesives externally, to accommodate movement and help inhibit the formation of efflorescence.
- For tiling over heated concrete.

ARDEX X77, X18, X7 or STS 8W mixed with E90

- For fixing tiles in swimming pools.

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

SUBSTRATE PREPARATION

Refer to instructions on the adhesive packaging.

MIXING

The following mix ratios apply for nominated bags of adhesives, note that 1kg of E90 is approximately 1 litre;

With ARDEX S28 Neu

2 - 2.4L of E 90 to 4 - 4.8L of water (Walls)
1.8 - 2.2L of E 90 to 2.2 - 4.3L of water (Floors)

With ARDEX X77

2.5L of E 90 to 5.5L of water

With ARDEX X78

3.6L of E 90 to 4.4L of water

With ARDEX X18

2.0L of E 90 to 4.5L of water

With ARDEX X7

3.6L of E 90 to 3.6L of water

With ARDEX X10

2.0L of E 90 to 5.0L of water

With ARDEX STS 8W

3.6L of E 90 to 3.6L of 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 packaging of the relevant adhesive.

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 material safety data, consult the latest Safety Data Sheet.

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