

Delta Fix

Cement based, high quality, ready mixed, flexible, thin set tile adhesive mortar.

Description

DELTA FIX is cement based high quality, polymer modified, ready mixed, flexible, thin set tile adhesive mortar in powder form.



Standards

DELTA FIX is formulated to comply with DIN 18156 & ANSI 118.1 and EN 12004 standards

Advantages

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality control standards.
- Exact mixing ratios and homogeneity of the blend, due to factory fully computerized production process.
- Excellent mixing and workability characteristics.
- The simplicity of usage and application gives very high productivity rates.
- Excellent bonding characteristics to different construction materials.
- Excellent water and sag resistance.
- Flexible. Very good resistant to substrate vibrations.
- Temperature resistance from +70°C to -15°C.
- Long open time and pot life.

Technical Data

Base

Portland cement, graded clean silica sand, and selected additives.

Available Colours	Grey and white.
Application Thickness	From 2 mm up to 10 mm.
Powder Density	Approx. 1.4 kg/lit.
Open Time	Approx. 30 minutes at 25° C.

Mix Proportions

Approx. 5.5±0.25 litres of water/ 25 kg bag.

Application procedures

- The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or high shear stationary mixer. Ask for our range of site mixers.
- Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.
- Add 5.5 liters of fresh cool, clean water in one deep container. Then, add the contents of the 25 kg bag gradually while mixing till the mixture is uniform and free of lumps. Leave the mixed material for 10 minutes and re-mix for one minute.
- DELTA FIX should be applied while the mortar is fresh and workable (within Pot Life).
- Apply DELTA FIX to the prepared surface using the flat side of the trowel while pressing firmly into the prepared substrate.
- Use suitable notched trowel to ensure full bedding of the tile with 2 – 3 mm minimum uniform thickness. Spread DELTA FIX in areas not more than 1.0 m².

Press tiles firmly into place and gently adjust the level by twisting slightly within 15 minutes ensuring proper transfer of 85% of the mortar to the back of the tiles

Important Notes:

- Do not apply DELTA FIX on movement joints or on dynamic cracked plastered walls. Expansion joints should be included as per the substrate design and carried out through tiles applications.
- Using cold water for mixing allows longer pot life and improved workability.
- Use DELTA FIX White when fixing white or light color stone.
- Porous surfaces such as gypsum plasterboards should be sealed with Dry Seal 860 prior to tiles installation using DELTA FIX.
- Do not apply DELTA FIX on metal surfaces.
- Use plastic spacers to leave the required joint width around each tile according to pattern and Architecture recommendations. Leave 2 mm minimum joint width around tiles.
- DELTA FIX is not a replacement for waterproofing membranes.

Storage

Shelf life is 12 months from manufacturing date, in a dry, covered storage area.

Health and Safety

While using the product, gloves and goggles should be worn. Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.

