

Comtech Tile 80

Polymer modified cementitious tile adhesive for interior and exterior fixing of all tile types in permanent submerged conditions.

Description:

Comtech Tile 80 is a polymer-modified cement based tile adhesive for thin or thick bed fixing of ceramic tiles in interior or exterior situations, especially those exposed to permanently wet conditions. Suitable substrates are concrete, sand cement screeds and renders, plaster boards, gypsum fibre boards and suitably prepared timber.

Primary uses:

Comtech Tile 80 is suitable for swimming pools and may be used with confidence in all wet process applications including: abattoirs, shower rooms, institutional kitchens, bathrooms, and decorative, high risk cladding. Comtech Tile 80 may be used to tile directly onto glazed tile surfaces and is especially recommended for non-porous or high density and glass mosaics where it may be used to both fix and grout.

Yield:

One 40kg bag of **Comtech Tile 80** will yield 27Ltr of tile adhesive after mixing with 5Ltr of water.

Coverage:

Approximately:
3.6kg/m² @ 2mm thickness
5.4kg/m² @ 3mm thickness

Advantages:

- Ready for use - just add water.
- Waterproof, immersion will not affect adhesion.
- Thin or thick bed.
- Non-slip.
- Exceeds British Standard requirements.
- Extended open / wet time.
- High adhesive bond strength.

Typical properties:

Color	Grey
Density	1800kg/m ³
Toxicity	Non toxic
Application life	45 minutes
Walked on after	approx. 24 hours
Groutable after	approx. 24 hours
Application temp,	5-45 (°c)

Packaging and storage:

Comtech Tile 80 is supplied in 40kg bag; All Comtech products should be stored in a dry shaded area, protected from breakage, deterioration and contamination.

Method of use:

Preparation:

Surfaces to be tiled, should be sound, dimensionally stable, clean and free from loose laitance, paint, oil, grease, mould release agent and residual curing compound.

It should be ensured that tiles are dry, and free of contaminants that could impair adhesion.

Priming

Saturate the concrete surface with clean potable water prior to the application of the tile glue.

However, ensure that the surface is free of standing water prior to the application of the tile glue.

Mixing

Comtech Tile 80 should be mixed with clean potable water (9 to 10Ltr of water for 40kg bag). Low speed drill fitted with a mixing Paddle is recommended for mixing.

Add powder to water and mix until a uniform, lump-free consistency is achieved.

The total quantity of water may be slightly adjusted to achieve the required consistency.

Placing

Comtech Tile 80 should be spread on the substrate to a uniform thickness of 2-3mm, and then combed horizontally with a serrated trowel.

Place tiles firmly into adhesive bed, ensuring good contact with a twisting motion. Only apply to areas which can be tiled in the adhesive's open wet time.

Joints

It is recommended that when fixing ceramic tiles, a minimum spacing of 2mm be left around each tile.

Finishing

Remove excess adhesive with a damp cloth before material has set. Joint grouting with Comtech Grout 40 may be commenced 24Hrs after tile have been laid.

Health and safety:

Comtech Tile 80 does not classified in the hazardous materials; however it should not be allowed to come into prolonged contact with skin and eyes.

The normal safety precautions (hand gloves & safety goggles) are recommended for handling.

The first aid if some harm happened with eyes in to wash with water.

WARRANTY STATEMENT: The information given here is based on our knowledge, and we believe it to be true and accurate.

We assume no responsibility for the use of these information, recommendations or suggestions.

Users should always refer to the most recent issue of the technical data sheet for the product concerned copies of which will be supplied on request.

