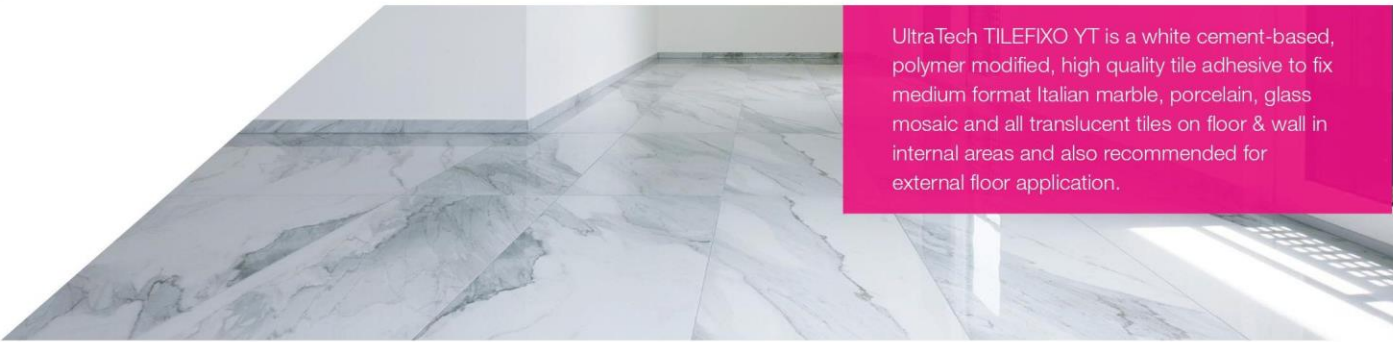




UltraTech TILEFIXO YT is a white cement-based, polymer modified, high quality tile adhesive to fix medium format Italian marble, porcelain, glass mosaic and all translucent tiles on floor & wall in internal areas and also recommended for external floor application.

Specification

Technical Parameters complies with IS 15477.

Areas of Application

UltraTech TILEFIXO YT is ideal for internal thin bed wall & floor and external floor applications of Italian marble, porcelain, glass mosaic & translucent tiles. It is recommended to be used over cementitious substrates and for tile-on-tile applications.

Features and Benefits

- Excellent adhesion to substrate
- Provides superior white base
- Self-curing
- Enhances durability
- High slip resistance
- Single component; easy to use
- Extended open time allowing more time for tile fixing

Method of Application



Surface Preparation

- Prepare the surface and tiles before the application of tile adhesive by removing oil, bond inhibiting agents, dirt, dust and laitance.
- Clean the surface following suitable methods like by using wire brush, water jetting, mopping, etc.
- UltraTech BASEKRETE is recommended over vertical surfaces and UltraTech FLOORKRETE for horizontal surfaces to level it in case of higher undulations or for any repair work to attain flat & levelled surface prior to the application of UltraTech TILEFIXO YT.



Mixing

- UltraTech TILEFIXO YT requires 25% potable water by weight of material.
- Add UltraTech TILEFIXO YT to the measured quantity of water, while continuously stirring using a mechanical stirrer for 2-3 minutes to ensure a consistency free of lumps.
- Allow the mix to stand for 2 minutes to mature and then mix it again before use.
- Do not add more water to alter the mix consistency or to extend the pot life. Further water addition will hamper the adhesion strength of the tile adhesive.



Application

- Apply the mixed UltraTech TILEFIXO YT to the prepared substrate using the appropriate notched trowels according to the size of the tiles being laid.
- It is recommended to use suitable spacers while fixing tiles to ensure uniform tile fixing and creation of joints that can be filled later on with UltraTech TILEFIXO GROUT.
- A minimum of 6 mm bed thickness of tile adhesive for walls and floors must be achieved. It is recommended to do back buttering on granite & marble for vertical tile application.
- Lay tiles onto the adhesive. Gently press each tile and move it in perpendicular direction to the notches, to ensure no air cavity remains in mortar and good initial bonding is attained. Do not disturb the tiles until the adhesive has set.
- It is recommended to fix the tiles within 30 minutes of spreading UltraTech TILEFIXO YT to achieve adequate bonding as per the technical data provided.
- Any tile fixing after 30 minutes of spreading UltraTech TILEFIXO YT will lead to improper adhesion and may result in de-bonding of tiles.
- For vertical surfaces applications, tiling should start from bottom to top.
- For tile-on-tile, tile-on-old cement floor applications, check for cracks and soundness of existing tiles and repair accordingly. Care should be taken to prepare the existing base with adequate interlocking friction effect by removing polish/wax/top smooth layers.

Technical data as per relevant IS Standards

Bulk density	1350-1450 kg/m ³
Water powder ratio	25% by weight
Pot life	1 hour
Open time	30 minutes
Adjustable time	30 minutes
Usage time post application	24 hours
Compressive strength @ 28 days	10-12 N/mm ²
Slip resistance @ 40 kg/m ²	0 mm
Coverage/20 kg bag	40 sq.ft. @ 6 mm (As per lab conditions)

Tech parameters	Std. as per IS 15477	TileFixo-YT Values as per IS 15477
Tensile adhesion @ 28 days	N	N
Dry condition	750	1100
Wet condition	450	900
Shear adhesion	KN	KN
Dry condition @ 24 hours	4.0	6.5
Dry condition @ 14 days	10.0	11.0
Wet condition @ 14 days	5.0	7.0
Heat ageing condition @ 14 days	5.0	7.0

Note

- Allow a minimum of 24 hours for the subsequent usage of the areas where tiling has been done. Do not tile if temperature is likely to drop below 5°C or exceed 50°C. For temperature below 20°C allow the adhesive to cure for an extended period of time. Pot life, open time and adjusting time depends on the surface absorption, wind factor, temperature, humidity conditions at site.
- The technical data provided in this technical data sheet is as per lab testing conditions and may vary as per the actual method of application at sites.
- Consult UltraTech Building Products Division Technical Services Cell for any further technical assistance.

Packaging

20 kg

Safety Directions

- UltraTech TILEFIXO YT is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately.
- In case of prolonged irritation, medical advice should be sought. UltraTech TILEFIXO YT is non-flammable.

Precaution

- Appropriate mechanical anchoring is recommended as per the stone size and good construction practice.
- Not suitable for tiling over flexible substrates, such as fibrous cement sheeting, plasterboard and timber.
- Not suitable for tiling directly onto timber, plywood or glass.
- Not suitable for tiling directly onto metals or plastic substrates.
- Not suitable for tiling directly onto polyurethane membranes.
- Not suitable for moisture sensitive tiles or stone.
- Avoid application under direct sunlight.

Shelf Life

- UltraTech TILEFIXO YT has a shelf life of 12 months from the date of manufacture. Store in a cool and dry place.

Other Product Categories

- Waterproofing - SEAL & DRY and WEATHER PRO
- Tile Grout - TILEFIXO GROUT
- Plaster & Jointing Mortar - SUPER STUCCO, READIPLAST, BASEKRETE and FIXOBLOCK
- Repair & Rehabilitation - MICROKRETE, MYKROFILL and BASEKRETE
- Flooring - FLOORKRETE
- Industrial & Precision Grout - POWERGROUT
- Autoclaved Aerated Lightweight Concrete Blocks - XTRALITE

DISCLAIMER

Information provided in this data sheet is a guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guarantee/warranty for the results and the company is not liable for any consequential damages.



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