

ZELOTILE CTA

Cementitious Tile Adhesive-Water resistant / High strength



TECHNICAL DATA SHEET

DESCRIPTION

- ZeloTile CTA is a pre-mixed and bagged mixture of cement, fine aggregates, fillers, specific polymers, ready to use, and waterproof tile glue of to provide a high bond strength tile adhesive for firmly attaching various thin or thick layer fastening of basically all types of tiles, including ceramic wall and floor tiles, terrazzo, quarries, marbles, and sandstones.

PRODUCT FEATURES

- Waterproof - permanent absorbed has no effect on adhesive
- Thin or thick layer fixing
- Superior compliance to all non-porous substrates
- Can be utilized both outside and inside.
- High adhesion even in moist situations
- Great resistance to moisture and humidity
- Slump resistance
- Simple and cost-effective to use
- Long pot life

TYPICAL USES:

- Ceramic tiles
- Floor & wall coverings
- Terrazzo tiles
- Quarry tiles
- Marbles
- Sand stones

COVERAGE:

- Thickness of solid layer fixing: 3mm-6mm 5.5-11kg/m²
- Smooth surface using a notch trowel 2kg/m²
- Use instructions:
- Mix 6 to 7 liters of water every 25kg bag of ZeloTile CTA. Mix until the mixture is uniformly lump-free. Allow for 5 minutes to enable the resins to fully dissolve.
- If required, moisten the support, but never the tiles.
- A powerful motion mixer should be used for blending. Hand mixing is only suggested for little amounts.

IMPORTANT NOTES:

- At 30 degrees Celsius, the open curing time of tile adhesive is around 30 minutes. As a result, attention should be taken when preparing the mortar. Prepare just the surface that can be tiled in this amount of time. It is not recommended to use ZeloTile CTA adhesive on painted or metal surfaces.

METHOD OF APPLICATION:

- Use ZeloTile CTA adhesive to the surface in a consistent thickness of 3mm to 6mm to cover the gaps on the backside of the tiles in an area of not greater than 1m² at each time.
- A solid bed placing is ideal for horizontal applications in addition to heavy-duty vertical applications.
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- For other vertical applications, scrape horizontally with a sharp spatula to remove excess. The trowel should have 6mm notches spaced 25mm apart center to center. Place the tiles, pressing and smoothing carefully to ensure that the mortar is uniformly distributed. The tile will not slip if the bonding is correct. ZeloGrout CTG (available in gray, white, or matching colors on order) can be used to fill the joints.
- Skinned or dried ZeloTile CTA must be removed and fresh material re-applied to ensure a good bond.
- We propose the following rules for applications over 40°C:
- Unmixed components should be stored in a cold, preferably air-conditioned atmosphere.
- Direct sunlight should be avoided for both mixed and unmixed materials. You can use iced water. Keep any equipment in touch with the product cold and out of direct sunlight.
- Avoid using it during the warmest part of the day.

CONSUMPTION:

- Depending on the support, around 2kg/m².
- After using the tools, wash them with water. Store in a dry place and shield from wind and rain.

PACKING & STORAGE:

- ZeloTile CTA adhesive can be stored in unopened packets for up to 12 months.
- Available in Grey 20kg packing bag

HEALTH & SAFETY:

- ZeloTile CTA has no dangerous materials; however, it should not come into contact with the skin or eyes. When using, wear safety gloves and eyewear. If it comes into contact with your skin or eyes, wash them completely and quickly with warm water. Ask for medical help if you have swallowed something. Please see the MSDS for each Titan-Tech product for additional information.
- If working in confined places, avoid inhalation and use proper ventilation or respiratory protection.
- Under no conditions can items be exposed to fire or open flames.

PROPERTIES

- Aspect: Powder
- Color: Grey
- Density: 1.8gm / c.c. app
- Flash point: Not applicable
- Std. conforms to: BS 5980
- Tensile strength: (BS 6319): PART 7:1985:2.85N/mm²
- Flexural strength: (BS6319:Part3:1990):4.5N/mm²
- Adhesion strength: (ASTM)D4541:2001:2.70N/mm²