



# TERRAFIX 201 (C2 TE / TYPE 3T)

TERRAFIX 201 is a superior grade polymer modified stones and tiles adhesive for medium to large format Vitrified tiles, Glass mosaics, Semi vitrified tiles, Marbles, Granites Natural stones, Italian stones, Precast Terrazo in interior / exterior\* and horizontal/vertical\* applications. It has good underwater shear bond strength, making it suitable for wet area applications like Swimming Pools, Sauna, Water bodies, and Washrooms. It is also suitable for tile on tile application. The product complies with EN12004, IS515477-2019, ISO 13007 standards.

## RECOMMENDED APPLICATION SUBSTRATE

- Plaster
- Block Masonry
- Existing Natural
- Screed
- Existing Vitrified Tiles\*
- Stones\*\*
- Brick Masonry
- Existing Ceramic Tiles\*\*
- Cement Mortar Beds

## BENEFITS & KEY FEATURES

- Ready To Mix Product
- Longer Pot Life
- Improved Workability
- SUPER ADHESION
- Minimum Shrinkage
- Economical and Time Saving
- Easy Application

## TECHNICAL SPECIFICATION

Appearance & Form	Grey/White Free Flowing Powder
Pot Life	3 to 4 hours @ 25°C
Setting Time (Foot Traffic)	16 Hours for light foot Traffic @ 30°C 24 Hours for Heavy foot Traffic @ 30°C
Tensile Adhesion	>1.5 Mpa @ 28 days dry condition
Shear Adhesion	UPTO 15 KN @ 28 days dry condition.
Water Ratio	22 to 25 %
Notch Trowel Type	Use Thin Bed Trowel (6mm)* Use Thin Bed Trowel (12mm)**
OpenTime	>30 minutes @25°C
Slip Resistance	0.3 to 0.4 mm
Standard Compliance	EN 12004, ISO 13007, IS 15477-2019
Class	C2 TE / TYPE 3T

\*Consult with our technical advisor for cladding Applications for interior/external and horizontal/vertical applications. • Specifications may vary due to continuous product development.

## NOTE

- In hot weather, the evaporation of moisture in cement is very high. The substrate must be dampened & must-have 35°C. • In case of undulation in the existing floor, rectify the same before applying TERRAFIX 201.

PACKAGING	COVERAGE	SHELF LIFE
20 kg 40 kg	45-55 sq. ft / 20 kg Bag @3-4 mm Thickness 25-30 sq. ft / 20 kg Bag @6-7 mm Thickness	12 months from the date of packing. Should be stored in cool & dry condition, keep away from direct sunlight.

## DIRECTION FOR USE

### SURFACE PREPARATION



- All substrate should be cleaned & free from dust, oil and grease.
- All substrate should be levelled, flat, well-adhered and must have normal absorption property.
- All substrate should be sufficiently cured to avoid shrinkage cracks.

### MIXING



- Add 3 to 3.5 parts TERRAFIX 201 powder to 1 part of water. Mix it to a smooth workable paste.
- Mix with low speed mixer to a trowelable consistency.
- Do not attempt to extend pot life by adding more water to mix. Mix the required quantity only.
- Allow the paste to stand (slake) for 2 min for maturity.

## APPLICATION

- Spread the adhesive to a thickness of approx. 3-6 mm and comb with a notched trowel. Use a proper sized notched trowel to ensure full bedding of the tile. Strictly apply adhesive paste which can be filed within 10 to 15 min.
- Start placing stone/tiles on the surface. Firmly press the stone/tiles into the adhesive to ensure good initial bonding. Tap stone/tiles properly to ensure complete coverage of the backside to eliminate the possibility of any air voids.
- Keep the joints between two tiles using tiles spacer if required.
- Do not disturb or move the tile. Allow it to dry for 24 hours and start filling joints (grouting) the next day.
- Back butter large (>12"x12") tile to provide bedding and firm support.
- If adhesive is skinned over and not sticky, remove and replace with fresh adhesive.
- Use mechanical clamps for holding the heavy stones in position on a vertical surface.
- \*Contact technical person for exterior application.

## GLASS MOSAIC

- Apply the mix to the substrate. Notch with trowel approximately 6 mm is recommended to get bed thickness of 3 mm. strictly apply the paste, which can be tiled in 10 - 15 min. Start placing glass mosaic and beaten gently with a rubber mallet to ensure 100 % full bedding.
- Excess adhesive must be cleaned from the surface of the tile with a wet cloth and sponge

## PRECAUTION & LIMITATIONS

For the installation of tiles and stones on internal/external walls and floors. It must have movement joints. The tile or stone must have a joint on the periphery area should not be founded by plaster. Tile and stone should not be installed on expansion joints.