GLOBCON
Building Solutions

TERRAFIX 101
(C2 TE / TYPE 2T)

GLOBCON™ TERRAFIX 101
STONE AND TILES ADHESIVE

Builder's Choice That Bonds Forever

C2TE | TYPE 2T

SUPERIOR ADHESION | MINIMUM SHRINKAGE | EASY APPLICATION

TERRAFIX 101 is a polymer modified tiles and stones adhesive with high alumina cement designed for excellent bonding over cementitious substrate like plaster, screed, concrete etc. It is suitable for fixing all types of small to medium formats of Vitrified, Semi- Vitrified tiles, Marbles, Granites, Natural stones, Italian Stones, Precast Terrazo in interior/exterior*and horizontal/vertical* applications. It is also suitable for tile on tile application.The product complies with EN 12004, IS 15477-2019, ISO 13007standards.

RECOMMENDED APPLICATION SUBSTRATE

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

BENEFITS & KEY FEATURES

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

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	>1.2 Mpa @ 28 days dry condition
Shear Adhesion	13 KN @ 28 days dry condition.
Water Ratio	20 To 25 %
Notch Trowel Type	Use Thin Bed Trowel (6mm)* Use Thin Bed Trowel (12mm)**
OpenTime	25 to 30 minutes @25°c
Slip Resistance	0.3 to 0.4 mm
Standard Compliance	EN 12004, IS 13007, IS 15477-2019
Class	C2 TE / TYPE 2T

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

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 101 powder to 1 part of water. Mix it to a smooth workable paste.
- Mix with a 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.

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 exiting floor, rectify the same before applying TERRAFIX 101
- Surfaces where tiles have to be fixed or application areas should be properly cleaned, free from dust. The area should be properly levelled, well cured and must not be covered with grease or oil and in good condition.

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.