



TERRAFIX 80 (C2, TYPE 2)

TERRAFIX 80 is new age highly polymer modified thin set adhesive for fixing Vitrified Tiles, Ceramic Tiles and porous stone of small sizes in Internal and External areas*. It is suitable for fixing medium porosity vitrified tiles on the wall*/floor. The product complies with EN 12004, IS 15477-2019, ISO 13007 standards.

RECOMMENDED APPLICATION SUBSTRATE

- Screeds
- Vitrified Tiles
- Internal Floor & Walls
- Plaster
- Ceramic Tiles
- and External Floors
- Existing Floors
- Natural Stones
- Cement Terrazo

TECHNICAL SPECIFICATION

Appearance & Form	Grey Free Flowing Powder
Pot Life	3 hours @ 25°C
Setting Time	24 Hours @ 30°C
Tensile Adhesion	>1 Mpa @ 28 days dry condition
Shear Adhesion	10 kn @ 28 days dry condition
Water Ratio	18-20 %
Notch Trowel Type	Use Thin Bed Trowel (6mm)* Use Thin Bed Trowel (12mm)**
OpenTime	15-20 min @ 25°C
Slip Resistance	0.3 to 0.4 mm
Class	C2, TYPE 2

*Consult with our technical advisor for cladding Applications for interior/exterior 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.
- Not recommended for cladding of heavy stone & tiles.
- Surfaces where tiles have to be fixed or application areas should be cleaned appropriately, free from dust. The site should be properly levelled, well cured and must not be covered with grease or oil and good condition.

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.

PRECAUTION & LIMITATION

For the installation of tiles and stones on internal 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.

BENEFITS & KEY FEATURES

-  HIGH BOND STRENGTH
-  ECONOMICAL
-  THICK BED APPLICATION
-  THIXOTROPIC
-  GOOD SHEAR STRENGTH
-  SELF-CURING

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 regular absorption property.
- All substrate should be sufficiently cured to avoid shrinkage cracks.

MIXING



- Add 3 to 3.5 parts TERRAFIX 80 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 (slack) 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 tiles on the surface to be tiled. Firmly press the tile into the adhesive to ensure good initial bonding. Tap tiles properly to provide complete coverage of the backside of tiles 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.