



TERRAFIX 90

(C2 T / TYPE 2 T)

TERRAFIX 90 is a polymer modified wall and floor thin-set adhesive. It is suitable for installing small to medium format Vitrified tiles and can also be used for small-sized porous natural stones. Such Type installation can be done for internal wall* and internal/external floor area's only. The product complies with EN 12004, 1515477-2019, ISO 13007 standards.

RECOMMENDED APPLICATION SUBSTRATE

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

BENEFITS & KEY FEATURES

-  **READY TO MIX PRODUCT**
-  **SUPER ADHESION**
-  **EASY APPLICATION**
-  **IMPROVED WORKABILITY**
-  **LONGER POT LIFE**
-  **SEMI PREMIXED**
-  **ECONOMICAL AND TIME SAVING**

*Consult with our technical advisor for cladding Applications for interior/exterior and horizontal/vertical applications. **For cladding on internal walls use smaller format tiles/stone up to 10 ft.

TECHNICAL SPECIFICATION

Appearance & Form	Grey Free Flowing Powder
Pot Life	3 to 4 hours @ 25°C
Setting Time (Foot Traffic)	24 Hours for Heavy foot Traffic @ 30°C
Tensile Adhesion	>1 Mpa @ 28 days dry condition
Shear Adhesion	12.5 KN @ 28 days dry condition.
Water Ratio	20 To 23 %
Notch Trowel Type	Use Thin Bed Trowel (6mm)* Use Thin Bed Trowel (12mm)**
OpenTime	>25 minutes @ 25°C
Slip Resistance	0.3 to 0.4 mm
Standard Compliance	EN 12004, IS 15477-2019, ISO 13007
Class	C2 T / TYPE 2 T

*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 area should be levelled properly, well cured and must not be covered with grease or oil and good condition.

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 90 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.
- *Contact technical person for exterior application.

PACKAGING

COVERAGE

SHELF LIFE

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

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.