



TERRAFLEX (R 2 TE)

TERRAFLEX is a modified two components multi purpose PU adhesive with thixotropic nature. It is specially designed for all types of tile and stones of large format for installation on almost every type of substrates like Plywood, Metal, Glass, Concrete, Mivan Surfaces and most of the Drywall Boards. Its high shock absorbent property with exceptional bond strength can with stand any challenging applications.

RECOMMENDED APPLICATION SUBSTRATE

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|------------------|-----------------------|----------------|
| • Cement Screed | • Tile on tile | • Door/ Window |
| • RCC floor/wall | • Stone on stone | Frame |
| • Gypsum | • Concrete • Roofs | • Composite |
| • Plywood | • Plaster/panel | Stones |
| • Metal/Glass | • Cement Terrazzo | |
| • Drywall boards | • Existing Tile Floor | |

BENEFITS & KEY FEATURES

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|  HIGH BOND STRENGTH |  DEFORMATION COMPATIBLE |
|  MULTIPURPOSE |  HIGH FLEXURAL STRENGTH |
|  HIGH SHEAR STRENGTH |  SLIP RESISTANT |
|  GREAT WORKABILITY | |

TECHNICAL SPECIFICATION

Appearance & Form	Part (A) White Paste Part (B) Semi White Paste
Pot Life	40 Minutes @25°c
Open Time	20 Min
Adjustability	60 Min
Tensile Adhesion	1.5-2 Mpa
Shear Adhesion	>10 N/mm2 @ 7 Days
Deformability	> 5 mm
Foot Traffic	After 24 Hours
Grouting	After 24 Hours on Wall/Floor
Thickness Recommended	2mm - 4mm
Mixing Ratio	4 Part A: 1 Part B (80% Part A and 20 % Part B)
Class	R 2 TE

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

PRECAUTION & LIMITATIONS

For the installation of tiles and stones on 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.

DIRECTION FOR USE

For Cementitious Substrate, Waterproofing and Tiles:

SURFACE PREPARATION



- Surfaces should be within 5° c to 35° c (at a higher temperature, the material will set faster. To bring down the temperature saturate with water.)
- Substrate should be structurally sound, clean and free of all bond inhibiting compounds, like dirt, oil, grease, paint, sealers, curing compounds, laitance etc. Rough or unlevel concrete surfaces should be made smooth and allowed to cure. Surfactants may be required for oil, grease etc.

• Excess water should be drained, and the surface should be brought to touch dry condition.

For Drywalls and other Substrates:

- Only dry cleaning is recommended for such substrates. Use a wire brush if required to remove any bond inhibiting compound.

MIXING



- TERRAFLEX is prepared by mixing Part A and B. Pour Part B into the bucket containing Part A. mix the two parts uniformly until a smooth, even coloured mixture is obtained.
- Mix for 3-5 minutes, preferably using a slow speed stirrer (100 rpm) or using any other suitable method.

- Mixing at high speed should be avoided.
- Wash tool immediately with water, after use, and before the adhesive hardens.
- Part mixing is strictly prohibited.

APPLICATION

- Apply TERRAFLEX over the surface using the straight edge of the notched trowel and then comb the applied adhesive using the notched side of the trowel to achieve the desired thickness.
- Press down each tile or stone to allow for maximum coverage of the surface.
- Place the tiles or stones firmly into the adhesive with a slight sliding and/or twisting action/shear to ensure good and uniform contact.
- For heavier ties and stone, double buttering is recommended by taking care of void formation.
- Keep appropriate spacers if required.
- It is good practice to lift a tile or stone occasional after fixing to check the adhesive's proper contact.

CLEANING

- Carefully clean off any excess adhesive from the tiles and joints with a damp sponge or cloth before it sets.
- Leave for at least 10 hours before grouting.

NOTE

- Ensure that the correct quantities of individual components are taken and mixed adequately. If part mixing is required, weight material precisely.
- Workability times may vary considerably, depending on environmental conditions and the temperature.

PACKAGING

4 Kg & 5 Kg pail
(Part A +Part B)

COVERAGE

18-25 Sq. ft / 5kg

SHELF LIFE

12 months from the date of packing. Should be stored in cool & dry condition, keep away from direct sunlight.