



STANDARD SET

DIAMOND

Highly Polymer Modified, Glass
Mosaic & Stone Adhesive

C2TE TYPE-3T



Product Description

DIAMOND is cementitious, thinset, polymer modified, single component adhesive for multipurpose internal and external Tile & stone fixing applications. It has excellent adhesion property on concrete, plastered surface and various substrates. It is suitable for all size of tiles & medium size stone applications.

Special Features & Standard Followed

- **IS :15477- 2019** : Classified as **TYPE-3 T** Adhesive
- **EN 12004 -2017** : Classified as **C2TE** Adhesive
- Suitable for all type and size of tiles and medium size of stone
- Superior bonding strength
- Extended open time, non-sag formula and self-curing properties
- Excellent water-proofing characteristics
- Suitable for porcelain, vitrified tiles, granite and natural stones
- Specially designed for swimming pools.

Application

- All size of tiles & medium size of stones fixing
- Window seal, door-framing and stone fixing
- Internal and external wall applications.
- Suitable for all type of vitrified tiles and stones

Suitable Substrates

- All type New and old concrete surfaces
- Cement screed beds, Cement mortar beds
- PCC and IPS flooring
- Bricks and AAC Blocks
- Plastered surfaces
- Tile-On-Tile applications for internal and external application
- Cement fibre board (internal application)

Technical Properties

Testing Parameters	Result	Testing Parameters	Result
Appearance	Grey & White - Free Flowing Powder	Tensile Adhesion Strength	Dry condition 28 Days 1.50 - 1.75 N/mm ²
Mixing Ratio (Powder + Water)	Approx 25-30% by weight	Tensile Adhesion Strength	Wet condition 28 Days (7D + 21D) 1.20 - 1.30 N/mm ²
Open Time @ 23° - 27° C	30-40 minutes	Shear Adhesion Strength	Dry condition 28 Days 1.60 - 1.85 N/mm ²
Trafficable Time	24 hours	Shear Adhesion Strength	Wet condition 28 Days (7D + 21D) 1.25 - 1.35 N/mm ²
Pot Life	1.5 Hours ± 30 minutes	Bulk Density	1.76 gm/cc
Setting Time	12 - 20 hours	Slip Resistance	≤ 0.5 mm



Coverage

Approx. 3.2 sq. ft. / kg (at approx. 3 mm bed thickness)

Packing

20 kg & 40 kg

Shelf Life

Factory sealed packs are best before 12 months from the date of manufacturing in unopened condition and stored in cool & dry area.