



STANDARD SET PREMIUM

Premium Grade Large Size Tile & Stone Adhesive

C2TES1 TYPE-4TS1



Product Description

PREMIUM is cementitious, thinset, High polymer modified, single component heavy-duty adhesive for internal and external floor and wall applications. It has excellent adhesion property on concrete, plastered surface and other substrates. Its high flexibility and superior bond strength makes it best choice for vertical stone cladding. White colour adhesive adds to aesthetic look especially for light colour stones.

Special Features & Standard Followed

- **IS: 15477-2019** : Classified as **TYPE-4T S1** Adhesive
- **EN 12004 - 2017** : Classified as an **C2TES1** Adhesive
- Suitable for heavy duty & large format tiles and stones on external applications
- Easy to use and creamy mix consistency to work
- Excellent adhesion properties and workability & excellent water-proofing characteristics
- Extended open time, non-sag formula and self-curing properties
- Highly flexible and superior bond strength, bonds to various substrates
- Suitable for building facades and vertical stone cladding.

Application

- Suitable for all size tiles and stones fixing
- Suitable for internal & external wall applications with all type of vitrified tiles and stones
- Suitable for granite, marble, composite marble, all types of natural stones and large scale tiles
- Suitable for installation of tiles on high & low porous substrates

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
- Cement Terrazzo
- Cement fiber board (internal application)
- Gypsum board
- Tiles-On-Tile Applications for Internal and external application

Technical Properties

Testing Parameters	Result	Testing Parameters	Result
Appearance	Grey & White - Free Flowing Powder	Tensile Adhesion Strength	Dry condition 28 Days $\geq 2 \text{ N/mm}^2$
Mixing Ratio (Powder + Water)	Approx 25-30% by weight	Tensile Adhesion Strength	Wet condition 28 Days (7D + 21D) $1.50 - 1.80 \text{ N/mm}^2$
Open Time @ 23° - 27° C	30-40 minutes	Shear Adhesion Strength	Dry condition 28 Days $1.90 - 2.00 \text{ N/mm}^2$
Pot Life	1.5 Hours $\pm$ 30 minutes	Shear Adhesion Strength	Wet condition 28 Days (7D + 21D) $1.60 - 1.80 \text{ N/mm}^2$
Setting Time	16 - 24 hours	Slip Resistance	$\leq 0.5 \text{ mm}$
Trafficable Time	24 Hours	Deformability (s)	2.85 - 3.00 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.