



//////
STANDARD SET

ECO FLEX

Economical Small Size Tile Adesive

C1 TYPE-1



► Product Description

ECO FLEX is an economical, cementitious, thin set, polymer based, single component tile adhesive for multipurpose applications. It has good adhesion property on concrete and plastered surfaces. It is suitable for ceramic tiles installations.

► Special Features & Standard Followed

- **IS 15477: 2019** : Classified as **TYPE-1** Adhesive
- **EN 12004 - 2017** : Classified **C1T** Adhesive
- Excellent work ability and Adhesion properties
- Good open time, Non sag formula, self-curing properties

► Application

- Suitable for small and regular size tiles fixing
- Suitable for internal floor and wall applications
- Suitable for ceramic tiles
- Recommended for concrete and cement based substrates
- Minimum 3 mm bed thickness is required for any tiling application

► Suitable Substrates

- New and old concrete surfaces
- Cement screed beds
- PCC and IPS flooring
- Cement mortar beds
- Plastered surfaces
- Bricks and AAC Blocks

► Technical Properties

Testing Parameters	Result	Testing Parameters	Result
Appearance	Grey Coloured Powder	Tensile Adhesion Strength	Dry condition 28 Days 0.5 - 0.70 N/mm ²
Mixing Ratio (Powder + Water)	Approx 20-22% by weight	Shear Adhesion Strength	Dry condition 28 Days (7D + 21D) 1.40 - 1.70 N/mm ²
Open Time @ 23° - 27° C	10 - 15 minutes	Slip Resistance	≤ 0.5 mm
Pot Life	1.5 Hours ± 30 minutes	Setting Time	12 - 14 Hours
Trafficable Time	16 - 24 hours	Bulk Density	2.00 gm/cc



► Coverage

Approx. 3 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.