

CS FLEX T GEL

Thin-set Adhesive



PRODUCT DESCRIPTION

CS Flex T GEL is a single component mineral adhesive. It is a multipurpose, polymer modified mortar for interior and exterior installation of tiles, natural stone, pavers and brick. CS Flex T GEL has been designed ready to be mixed with water, with long open time, high adhesion and workability. It is designed with gel technology which provides better wettability and adhesion

ADVANTAGES

- Single-component adhesive, just add water
- High strength, polymer modified
- Easy to use, just add water
- No sag
- Water resistant
- Shock resistant
- Can sustain heat ageing
- Long open time
- Thickness up to 15 mm
- Internal and external use
- Prolonged workability

APPLICATION

Surfaces	Materials	Uses
Cement-based screeds and mortars	Marble and natural stones	Adhesive and finishing
Cement and gypsum-based plaster/renders	Indian marble	Flooring
Plasterboard	Ceramic mosaic	Overlaying
Heated floors	Terracotta	Domestic and commercial
Concrete surfaces	Ceramic tiles	Swimming pools
Overlaying existing floors	Vitrified tiles	Terraces and balconies
Fibro-cement slabs	Internal insulation and soundproofing panels	Saunas and spas
Waterproofing products		

PACKAGING

20 kg bag

STORAGE AND SHELF LIFE

CS Flex T Gel has a shelf life of approximately 1 year from the date of manufacture. Product should be stored in a cool and dry environment.

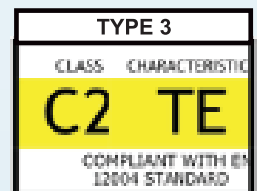
PRODUCT SPECIFICATIONS

PROPERTIES	
COLOR	White/Grey
DENSITY	1.90-1.95 g/cm ³

PACKAGING PHYSICAL STATE	Dry Powder
COVERAGE	9-10 kg/m ² @ 5 mm thickness
ADHESIVE THICKNESS	2 to 15 mm
WORKING TEMPERATURE RANGE	+5°C to +35°C
POT LIFE	7-8 hours
GREY	+23°C ≈ 6 hrs
	+35°C ≈ 5 hrs
WHITE	+23°C ≈ 5 hrs
	+35°C ≈ 4 hrs
OPEN TIME	+23°C ≥ 40 min
	+35°C ≥ 20 min
ADJUSTABILITY TIME	+23°C ≥ 35 min
LIGHT FOOT TRAFFIC	2 – 3 days
HEAVY FOOT TRAFFIC	3 – 4 days
TENSILE ADHESION	>1.0 N/mm ² (IS : 15477 – 2019)
SHEAR ADHESION	>1.5 N/mm ² (IS : 15477 – 2019)

PREPARATION AND USE

- Surface Preparation: All surfaces should be dimensionally stable according to IS 1443-1972. Surfaces should be fully cured and cleaned for oil and adhesion inhibiting materials like dirt and laitance.
- Adhesive Preparation: Follow instructions on bag. Use 7.5 L water for white and 6.5 L for grey.
- Application: It is necessary to apply sufficient layer of adhesive to ensure maximum adhesion. Perform test sample whenever possible to ensure proper results.
- Create elastic expansion joints:
About 10 m² in external applications
About 25 m² in internal applications
Every 8 meters in long, narrow applications
- Protect from rainfall for at least 24 hours.



SPECIAL CASES

- Use suitable primers with gypsum and anhydrite substrates
- Marble, natural stones and other materials that are subject to deformation or staining due to water absorption require