

CS FLEX T

Thin-set Adhesive



PRODUCT DESCRIPTION

CS Flex T 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 has been designed ready to be mixed with water, with long open time, high adhesion and workability.

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

25 kg bag

STORAGE AND SHELF LIFE

CS Flex T 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	>1.25 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