

Description :

- Polymer-modified grey cement-based adhesive.
- Suitable for fixing ceramic tiles & Clay Tile for floors & walls in internal applications.

Scope of Use :

- C01 is a tile adhesive formulated for Clay tiles & ceramic tiles (glazed, terracotta)
- Indoor use
- On horizontal & vertical surfaces
- On Cement & cement-lime plaster, cement screeds, cement ground coats and concrete -Suitable for tile-on-tile application

Compliance / Standard :

- C1 as per EN 12004 ISO 13007 standard
- Type 1 as per IS 15477-2019 standard

Technical Properties :

(As Per IS 15477-2019 standard.)

Property : Test method	Requirement	Test Result
Shear Adhesion strength		
Dry Conditions (28 days)	$\geq 1.0 \text{ N/mm}^2$	1.15 N/mm ²
Tensile Adhesion strength		
Dry Conditions (28 Days)	$\geq 0.50 \text{ N/mm}^2$	0.88 N/mm ²

Working Properties at 70° F (21° C) :

Pot Life	3 hours
Time To Foot Traffic	16-24 hours

Application Instruction :**Surface Preparation :**

- The Surface should be sound and clean, free from dust, grease, oil, loose material, paint etc.
- Movement joints to be filled with suitable joint filler.
- The surface must be in SSD condition before an application.

Mixing Process :

- C01 Lite 20 kg powder to mix gradually in approx. 4.6 to 5 Ltr of clean water and mix thoroughly until a slump free mortar achieved.
- Mix with a trowel or slow speed drills for homogeneous mix.
- Allow it to slake for 5 minutes.
- Mix the required quantity, which can be used within 60 minutes.

Precautions :

- Always add powder to water & never add water to powder.
- Never add excess water than recommended.
- The Surface should be hard & in sound condition for floor tiling.
- Do not use in Damp conditions.

Benefits :

- Ready to use, needs no curing.
- Excellent resistant to water.
- Low shrinkage and crack resistant.
- Excellent adhesion.
- Flexible to accommodate thermal movement.
- Time saving and increases productivity.

Coverage :

As a guide:

1.2 kg/m²/mm of thickness

(Consumption may vary depending on the evenness on the substrate, trowel notch size, type of tile and application technique)

Packing :

C01 Lite is available in 20 kg Pack.

Shelf life & Storage :

Until 12 months since the date of production when stored in damaged dry conditions & original packaging.

Health & Safety :

C01 Lite is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and medical advice sought immediately.

Fire :

C01 Lite is non-flammable.

Technical Support :

The company provides a technical service supported by the team of specialist applicators in the industry.