

ADHESIVE FOR FIXING EXTERNAL TILES, NATURAL STONES & GLASS MOSAIC



Description :

- Polymer - modified improved tile & stone adhesive
- suitable for fixing ceramic, vitrified tiles, Mosaic tiles & natural stones.

Scope of Use :

- C03 PRO adhesive mortar for laying ceramic tile, vitrified (semi and fully) tiles & natural stone (nonsensitive & color fast).
- Indoors and Outdoors.
- It is recommended for floors with elevated functional loads, in shopping malls, & staircases.

Compliance / Standard :

- C2TES1 as per EN 12004/ISO 13007 standard
- Type 3TS1 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)	$\geq 1.50 \text{ N/mm}^2$	2.40 N/mm ²
Heat Ageing Conditions (14 Days Std + 14 Days Oven)	$\geq 1.00 \text{ N/mm}^2$	1.75 N/mm ²
Wet Conditions (7 Days Std + 21 Days Water)	$\geq 1.00 \text{ N/mm}^2$	1.86 N/mm ²
Tensile Adhesion strength		
Dry Conditions (28 Days)	$\geq 1.50 \text{ N/mm}^2$	2.10 N/mm ²
Wet Conditions (7 Days Std + 21 Days Water)	$\geq 1.00 \text{ N/mm}^2$	1.65 N/mm ²
Slip Resistance	$\leq 0.5 \text{ mm}$	0.22-0.26 mm
Transverse Deformation	$\geq 2.5\text{mm} < 5.00\text{mm}$	3.00 mm-3.60 mm

Working Properties at 70° F (21° C) :

Open Time	35 minutes
Adjustability Time	40 minutes
Pot Life	9 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 :

- C03 Pro 20 kg powder should be mixed with 4.6 to 5 Liter of clean water. Use slow speed drill machine for homogenous mix. Add powder to water & mix until uniform, lumps free consistency is achieved. Add requisite quantity of water to achieve the required consistency.
- 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 :

- For ceramic, vitrified (semi and fully) tiles
- For inside and outside use glass mosaic & natural stone (non- sensitive).
- Longer open time for safer application
- On balconies, terraces, wet rooms, and bathrooms
- On waterproof and moisture- proof layers
- For Tile on Tile application

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 :

C03 Pro 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 :

C03 Pro 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 :

C03 Pro is non-flammable.

Technical Support :

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