



CEM – FIX CF 01 Tile Adhesive

TILE FIXING ADHESIVE CF 01

Description

Cem-FIX CF 01 Tile Adhesive is a ready to use polymer modified cement-based grey coloured powder suitable especially for floor tiling on cementitious substrate & for wall tiling on plastered wall, by replacing the conventional method.

Areas of Application

For fixing a variety of tiles (glazed and unglazed ceramic, porcelain, mosaic, vitrified tiles etc.) on horizontal and vertical masonry or tiled surfaces in interiors and exteriors.

Features & Benefits

- High strength formulation.
- Ultimate flexibility.
- Improved shock and impact resistance.
- Ready to use, only water addition required.
- Better bonding than usual sand mortar mix.
- High Shear Strength.
- Reduces wastage and time thus economical.
- Minimises shrinkage cracks
- Higher Coverage area & Longer Pot Life.

Method of Application

Flooring

1 Surface Preparation

- Clean surface by wire brush and ensure that the area is contamination-free. Old surfaces must be free from laitance, grease, wax, polish.
- Surface where tile has to be fixed should have concrete base. It should be properly cured and levelled. The Surface should also be free of cracks.
- Before application of the CEM-FIX CF 01 Tile Adhesive the surface should be in proper line, level and plumb.
- The surface must be scratched properly to expose maximum clean area.
- Before application of the CEM-FIX CF 01 Tile Adhesive, the surface must be saturated surface dry condition.

2 Mixing

- Add 3 to 4 parts of powder to 1 part of water. Mix with a trowel or slow speed drills (50 - 100 rpm) until a lump free, homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within 60 minutes pot life.
- Hand mixing is recommended for small quantities only.



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3 Application

- Apply CEM-FIX CF 01 tile adhesive on the floor using trowel at a thickness of 3-6 mm and comb with notch trowel. Do not spread more than 1 sq. m of area at a time
- Touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers, then continue tiling and if not scrape off the adhesive and apply new coat.
- Start laying the tiles in position and hammer with soft mallet to ensure a better bond.
- Ensure that the CEM-FIX CF 01 Tile Adhesive is spread evenly on the back side of the tile so as to avoid air gaps.
- Clean excessive adhesive with a damp cloth. Leave to dry for 24 hours.
- Start Filling the Joints with CEM-GROUT.

Wall Tiling

1 Surface Preparation

- Clean surface by wire brush and ensure that the area is contamination-free. Old surfaces must be free from laitance, grease, wax, polish.
- Surface where tile has to be fixed should have strong base. It should be properly levelled. The Surface should also be free of cracks.
- Before application of the CEM-FIX CF 01 Tile Adhesive the surface should be in proper line, level and plumb.
- Before application of the CEM-FIX CF 01 Tile Adhesive, the surface must be saturated surface dry condition.

2 Mixing

- Add 3 to 4 parts of powder to 1 part of water. Mix with a trowel or slow speed drills (50 - 100 rpm) until a lump free, homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within 60 min. pot life.
- Hand mixing is recommended for small quantities only.

3 Application

- Apply CEM-FIX Tile adhesive on the wall using trowel at a thickness of 3-6 mm and comb with notch trowel. Do not spread more than 1 sq. m of area at a time.
- Touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers, then continue tiling and if not scrape off the adhesive and apply new coat.
- Start laying the tiles in position and hammer with soft mallet to ensure a better bond.
- Ensure that the CEM-FIX CF 01 Tile Adhesive is spread evenly on the back side of the tile so as to avoid air gaps.
- Clean excessive adhesive with a damp cloth. Leave to dry for 24 hours.
- Start Filling the Joints with CEM-GROUT.

Precautions & Limitations

- For laying tiles on floor, Surface should be sufficiently hard & good condition.
- Always add powder to water & never add water to powder.
- Do not add excess water than recommended.
- Never add sand & cement at site.
- Do not use it for heavy stone and tiles.



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TECHNICAL INFORMATION

S.No.	Properties	Results
1	Appearance	Grey
2	Binder	Ordinary Portland Cement
3	Mix ratio	3:1 (CEM-FIX: WATER)
4	Open time	Approx. 15 minutes at 30°C
5	Pot life	60 Minutes at 30°C
6	Trafficable time	24 hrs. (max.)

S.No.	Test	Results	Test Method
1	Bulk Density, g/cc	1.35	IS:33-1992
2	Compressive Strength 28 Day,s,Mpa	50.50	ASTM C 579-01(2012)
3	Flexural Strength 28 Day,s,Mpa	4.90	ASTM C580-02(2012)
4	Splitting Tensile Strength, Kg/cm2	16.30	IS:1121(P3) 2012/RA2017 (Guidelines)
5	Tensile Adhesion, N		
a)	Dry	845.7	IS 15477:2004
b)	Wet	568.2	
6)	Pullout Adhesion (Mpa)	0.50	ASTM D-4541

The Values obtained are from our laboratory testing conditions. Tests conducted on site conditions may show slight variation due to methods of testing/application. *

Coverage

- 50 - 55 Sft/20 Kg. Bag at 3 mm thickness
- 30 - 35 Sft/20 Kg bag at 6 mm thickness

Packaging

20 Kg & 40Kg

Storage

Store in a cool & dry place in unopened condition.

Shelf Life

12 months pack sealed and stored in damp proof conditions

Other Product available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Neutral & Colour release | Sealers | Epoxy Resins | Concrete Admixtures | Paints & Allied Products



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Disclaimer: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained.