



CEM-GROUT Cement Tile Grout

CEMENT BASED TILE JOINT FILLER

Description

CEM-GROUT Cement Tile Grout is a polymer modified; cement-based filler used for filling the joints/gaps between the tiles. It effectively fills the gaps and gives water resistant, non-dusting tile joints. It is used for grouting glazed, ceramic, porcelain, vitrified, granito-vitrified tiles & natural stones etc.

Areas of Application

- Internal & external floor and wall area
- Domestic & commercial applications
- Wider tile joints
- All types of ceramic, glazed, porcelain, vitrified & granito-vitrified tiles.

Features & Benefits

- Easy to use and clean - just mix with water, ready to use.
- Polymer modified - Crack free, minimum shrinkage and water resistance.
- Suitable for varied tile and stones – All Ceramic, vitrified tiles, granites etc.
- Available in range of attractive colors - Available in 27 colors.

Method of Application

1. Surface Preparation

- The joints must be dry, clean, free from dust & adhesive.
- Put masking tape by side of grouting space if necessary.
- Before grouting, make sure that the tile adhesive has set and released most of its moisture.
- The tile joints should not be wet during application of the grout.
- Time interval of at least 24 hours should be given for grouting after tile fixing.
- There joint should be at least 3-4 mm deep.

2. Mixing

- Take water into a clean container. Add CEM-GROUT Cement Tile Grout and mix thoroughly by hand or with a slow speed mixer.
- Avoid entraining air by mixing at very high speed or by over-mixing.
- Make sure that uniform color & lumps-free consistency is achieved.
- Allow the mix to stand for 2-5 minutes and remix.
- Use the paste within 60 minutes from mixing.

3. Application

- Using a fingertip press the grout firmly into the joints.
- Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.
- Work in small areas to have better control on removing the excess grout from joints and surface by moving the fingertip diagonally.
- Ensure that joint is filled completely, and grout is not just sitting on top.

4. Cleaning and Finishing

- Clean off the surplus grout from tile joints and tiles within 30-45 minutes before the grout dries.
- Initially use a rough textured sponge dampened with water to remove the grout residue.



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- Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint & taking care not to drag grout from the joints.
- Clean off any light residue of tile grout left on the tile surface using a cleaning agent.

Precautions & Limitations

- Do not use in areas which are exposed to harsh chemicals, stagnant water & extreme conditions.
- Do not use acid to clean joints.
- Do not apply on wet/damp tile joints. Always apply on completely dry tile joints.
- Do not over-mix the material. Over-mixing can reduce the pot life.
- Do not allow grout to harden on the face of the tile. Clean promptly.
- Do not allow water to flow/run into un-grouted joints while application.
- Protect from direct rainfall/ foot traffic for at least 24 hours.

Technical Information

Sr. No.	Properties	Results
1	Appearance	Various Shades
2	Mix Ratio	3:1 (P:W)
3	Open Time	15 Minutes
4	Pot Life	60 Minutes
5	Trafficable time	24 Hours Max.
6	Joint Width	3-5 mm

Sr. No.	Tests	Results	Test Methods
1	Bulk Density (g/cc)		IS:33-1992
2	Compressive Strength, 28 Days (N/mm ²)		ASTM C579-01(2012)
3	Flexural Strength, 28 Days (N/mm ²)		ASTM C580-02(2012)
4	Linear Shrinkage, 28 Days		EN 12808-4
5	Water Absorption		EN 12808-5
a	At 30 Minutes		
b	At 240 Minutes		

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

Theoretical Coverage

Formula For The Coverage Calculation

$$C = 1.75 \times H \times T \times [(L + W) / (L \times W)]$$

C - Tile grout coverage (kg/m²)

H - Thickness of tile (mm)

T - Width of joint (mm)

L - Length of tile (mm) W - Width of tile (mm)



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Packaging 1 kg, 5 kg & 10 kg

Storage Store in a cool & dry place in unopened condition.

Shelf Life 12 months from the date of manufacturing.

Health & Safety Precaution

- Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection.
- After contact with skin, wash immediately with plenty of clean water.
- In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

Other Products Available

Tile Fixing Adhesives | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Concrete Admixtures | Paints & Allied Products

Limited Warranty

This product is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty expressed or implied is made as to the effect of such use. Sellers and manufacturers obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

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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.