

**DISCRIPTION**

Epoxy Grout is a stain-free grout for floors & walls. It is non - shrinking, non-sagging, fast-curing efflorescence free grout, ideal for installation where high strength meld and dew-resistant grout joints are required. It is suitable for grouting ceramic tiles, vitrified tiles, glass mosaic, marble, granite, and other natural stones etc. This product is designed for a maximum joint width of up to 2-12 mm in residential & commercial installation.

It is a stain resistant, water Resistant & germ Resistant grout for floor & wall, suitable for ceramic tiles, vitrified tiles, marble and stone, especially in stain prone areas such as kitchens and washrooms. Designed especially for interior and covered exterior floor and wall joints of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, metal tiles, precast terrazzo, engineered stone floors and natural stones. Recommended for Institutional and commercial kitchens, Cafeterias, residential facilities, Rest rooms, Schools and wet areas like swimming pools, sauna, water bodies and wash rooms.

**PROPERTIES (TECHNICAL DATA)**

ISO / EN Data	
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	: 220 mm <sup>3</sup>
Flexural strength under standard conditions: ISO 13007 – 4: Clause 4.1.3; EN 12808 – 3	: 39 N / mm <sup>2</sup>
Compressive Strength under standard conditions: ISO 13007 – 4	: 55 N / mm <sup>2</sup>
Compressive Strength under freeze & thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 – 4	: 20 – 22 N / mm <sup>2</sup>
Shrinkage: ISO 13007 – 4: Clause 4.3 : EN 12808 – 4	: 0.6 mm / m
Water Absorption after 240 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	: 0.02 g

**COLOUR**

Choose from range of colours available in Part C filler powder. Please refer the grout colour chart for choosing the colour required.

**COVERAGE ESTIMATES**

Depends on tile size, joint width and depth.

**APPLICATION INSTRUCTIONS**

Pre-wet the blocks and ensure it is touch dry before thin bed masonry mortar is applied. The surface for mounting must be thoroughly cleaned of all loose materials, oil, grease etc. Ensure that surface is flat, structurally sound and free from any other contamination which would reduce the bond strength. The surface should be free from voids, holes and cracks.

**AREA OF APPLICATION**

Designed especially for interior and covered exterior floor and wall joints of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, metal tiles, precast terrazzo, engineered stone floors and natural stones. Recommended for Institutional and commercial kitchens, Cafeterias, residential facilities, Rest rooms, Schools and wet areas like swimming pools, sauna, water bodies and wash rooms.

**BACKGROUND / BASES:** vitrified and ceramic tiles, glass mosaic tiles, stones, marble, granite, bricks, terrazzo

**MIXING**

Mix only that much amount of grout which could be easily applied within 15-20 minutes. Wear hand gloves provided in kit and empty the contents of part A, B and C in the ratio 2:1:7 into a clean mixing pail. Mix with a margin trowel or a slow speed drill mixer until liquids are completely blended. Immediately pour entire contents of pail onto working area. Use a plastic sheet as a drop cloth. Use standard epoxy grouting techniques to work grout into tile joints. Grout can also be applied with a caulking gun. Be sure all grout joints are packed full. Remove as much excess material as possible before initial cleaning with grout float. Do not leave excess grout on the face of tiles

**STORAGE AND SHELF LIFE**

12 months when stored in normal dry conditions.

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## HEALTH AND SAFETY

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Direct contact with the adhesive can irritate the eyes and may irritate the skin; additionally, overexposure to the product's vapor may irritate the eyes, nose, and throat. You must avoid all eye and skin contact and ensure the workspace has adequate ventilation during use. If eye contact occurs, immediately flush the eyes with water for 5 minutes and seek medical attention. In the event of skin contact, promptly wipe the material from the skin and flush the area with water. As a standard precaution.

**PRECAUTIONS:** 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.

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## CLEANING

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Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it diagonally across the joints and tile to avoid pulling out the material. Initial Cleaning: After 30-45 min of the application of the grout scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout. Then take a clean thick white towel and drag across the tile to remove any residue.

Final Cleaning: within 24 hours do a second cleaning with normal soap detergent to remove any haze from the tile

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## NOTE DISCLAIMER

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All statements, technical information and recommendations set forth herein are based on tests which we, believes to be reliable. However, we does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over hose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will we be liable for direct, consequential economic or other damages.



**Name of excellence a brand of trust.**

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## SITE WORK INSTRUCTIONS SURFACE CONSIDERATIONS

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It is recommended to check the colour of the grout, if it is meeting the desired colour of the client

It is recommended to do a small area with actual tile/stone at site and check for any colour ingress into the tile/stone. Many tiles / stones have high absorption which may lead to wet patches / discoloration / colour marks.

Plan to provide proper movement joints, peripheral joints as per TCA, EJ 171 detail to accommodate movements in tile/stone and use flexible grout / sealant to fill these movement joints.

Keep the working area covered and protected from Sun light while application of epoxy grout, is applied in open areas like swimming pools etc. Keep the cover for 7 days and till the filling of pools with water after the completion of grouting with epoxy grout.

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## PACKAGING

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It is a factory proportioned kit with Available in 1kg & 5kg Bucket.