

घर बनाए दिल से...



Epoxy Tile Grout

TECHNICAL DATA SHEET

Compliance

EN-13888

ISO-13007

**Non
Cracking**

**Chemical &
Temperature
Resistant**

**Stain
Free**

Stain-free Epoxy Tile Grout for Interior
& Exterior (Floor & Walls)

Epoxy Tile Grout

Tech-fix Epoxy Tile Grout is a three-component epoxy grout that is easy to use, stain resistant, water & shock resistant. It is also a chemical resistant & temperature resistant. This epoxy tile grout is specially designed for interior and exterior floor and wall joints of all type of vitrified, glass mosaic & any other type of tiles.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- Ensure tile joints must be clean, dry and dust free before application. Remove debris if any.
- Ensure tile grouting is alone at least 24 hours after tile fixing.

MIXING

- Pour the full contents of part "A" Resin & part "B" Hardner in to a clean bucket.
- Mix with a margin trowel or a slow speed drill mixer until they are completely blended.
- Add at least $\frac{3}{4}$ of part "C" filler powder and mix a uniform consistency. Add the remaining filler powder and mix to achieve a stiff mix to work into a joint.

APPLICATION

- After mixing spread the paste on surface with a rubber float.
- Hold the float @ 90° angle and pull it @ 45° angle diagonally across the joints.
- Ensure that all joints are filled completely and remove as much as excess material as possible before initial cleaning with the float.

CLEANING

- Wipe off excess material from the face of tile by using rubber float before it gets hardened.
- Cleaning should be done 25-30 minutes after the application using a sponge soaked in shampoo solutions.
- Within 24 hours do a second cleaning to remove any haze from the tile.

PRODUCT DATA



Appearance	As per shed card
Form	Liquid (Resin) + Liquid (Hardener) + Powder (Filler)
Mix. Density	1500-1700 kg/m ³
Mixing ratio	18:7:75 (Resin : Hardener : Powder)
Pot life	Appox. 45 minutes
Foot Traffic Time	24 Hours

COVERAGE

- Coverage depends on joints width and depth.
- Calculation = $(A+B) \times C \times D \times 0.15 = \text{sqft/kg}$

Where, A = Length of Tiles

B = Width of Tiles

C = Height of Tiles

D = Groove Size

SUBSTRATES

- Vitrified tiles / Ceramic tiles
- Glass mosaic tiles
- Granite/Marble and any other natural stones
- Full body tiles
- Terrazzo tiles
- All type of engineered stones

PACKING

1 kg. & 5 kg. (Resin (part A), Hardener (part B) & colored filler powder (part C))

Color: choose from range of colors available in shed card.

SHELF LIFE

24 months from the date of manufacturing when stored in cool & dry place.

PRECAUTIONS & LIMITATIONS

- Maximum stain resistance is achieved in 10 days after installation. Protect from exposure to acids and strong cleaners during this period.
- Light colors may darken slightly from direct UV exposure.

TECHNICAL PERFORMANCE

APPLICABLE STANDARDS: ISO 13007-3 / EN-13888

Testing Properties	Requirement	Test Values
Shrinkage	≤ 1.5 mm/m	0.4 mm/m
Water Absorptions after 240 minutes	≤ 0.1 gm	0.02 – 0.03 gm
Abrasion Resistance	≤ 250 mm ³	145 N/mm ³
Compressive Resistance	≥ 45 N/mm ²	72-78 N/mm ²
Flexure Strength	≥ 30 N/mm ²	38-40 N/mm ²

Note: Test results are as per testing method specified in standard. Actual field performance will depend on installation methods and site conditions.

ADVANTAGES

- Non-cracking / non-powdering
- Easy to clean
- Anti-bacterial & anti-fungal
- Stain free
- High abrasion & mechanical resistance
- Chemical & Heat resistant
- Water & shock resistant

SAFETY PRECAUTIONS

- Keep out of reach from Childrens.
- Wear suitable eye protection & gloves.
- In case of contact with eye, rinse immediately with water and seek medical services.



TECH FIX[®]
STONE TILE FIXIT

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