



Epoxy Tile Grout

AN EPOXY TILE GROUTING SYSTEM



DESCRIPTION

Bostik Epoxy Tile Grout is a three component system based on specially formulated epoxy resins and hardeners, especially for use in applications of ceramic tile, vitrified tile and stone.

RECOMMENDED USES

It is an ideal material recommended for, Shopping malls & Show rooms, Hotels, Kitchens & Bathrooms Swimming pools, Residential and commercial buildings etc

ADVANTAGES

Fast setting, Very good strength properties Negligible shrinkage, Stain and Solvent free, Ease of installation

PERFORMANCE PROPERTIES

Colour	As per customer requirement
Pot life @ 27 +/- 2 o C in minutes	90 – 120
Foot traffic	24 hrs
Heavy traffic	72 hrs
Density, gms/cc	2 – 2.1
Full curing time, in day, min	7
Comp strength, kg/sq.cm, min	700
Adhesion strength, kg/sq.cm, min	30 (concrete failure)
Tensile strength, kg/sq.cm, min	100
Shrinkage	Negligible

APPLICATION PROCEDURE

SURFACE PREPARATION

Before starting to grout, remove debris in grout joints and dust can be removed by compressed air jetting. Remove dirt and dust from tile surface by cleaning with sponge. Do not clean the tiles with acids. The pre-requisites for good adhesion of the grouts are cleanliness and roughness of the surface. Unless these are ensured by proper surface preparation, a successful performance can not be guaranteed.

MIXING

Preparation of mortar: Mortar is prepared by mixing the base, hardener and filler given as a convenient single unit.

Empty the entire contents of base and hardener into a clean vessel and mix thoroughly till both the liquids are completely blended. To this add the colored filler material and mix till a lump free uniform paste is obtained. Mix the filler to the extent to make a stiff paste to work into the joints.

Application: Immediately pour the entire contents onto the working area. Use a plastic sheet as a drop cloth. Use standard epoxy grouting techniques to work the tile grout in the tile joints. Ensure that the entire joint is packed fully with the material. Remove the excess material from the joints before the material starts setting.

CLEANING THE TILES

Wipe the strains on the tiles with a suitable epoxy thinner when the grout is partially set.

MAINTENANCE

Bostik Epoxy tile grout require routine cleaning with a neutral pH soap and water.

Note

1. Light colours may darken slightly from direct UV exposure. Consult us for specific recommendation.
2. Since epoxy grouts take minimum 7 days to achieve full cure, it is not recommended to expose grout treated area to acids and strong cleaners during this period.
3. After the application, Bostik Epoxy Tile Grout should be protected from rain and dew for a period of 6 hours.

CLEANING

Immediately after application of Bostik Epoxy Tile Grout, clean the tools, equipment and the mixing container using Bostik Thinner E or otherwise, removal of dried / hardened material is difficult to clean.

COVERAGE

Depends on the tile size and width of joint between tiles. Material requirement calculation: in kg/sq.m

$$\frac{(\text{Tile length} + \text{Tile breadth}) \times \text{Tile thickness} \times \text{Joint Width} \times 2.1}{(\text{Tile length} + \text{Joint width}) \times (\text{Tile Breadth} + \text{Joint Width})} = \text{kg/sq.m}$$

PACKAGING

Bostik Epoxy Tile Grout – 1, 6 kg

STORAGE & SHELF LIFE

Bostik Epoxy Tile Grout Base, Hardener and Filler as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 12 Months in the original packing.

HEALTH & SAFETY

Bostik Epoxy Tile Grout contains organic resins, hardener and other filler materials which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapour. In case of contact, wash liberally with water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling.

ADDITIONAL INFORMATION

“Bostik India Private Limited “ also supplies other construction chemicals, concrete repair and rehabilitation products including protective coatings, epoxy and polyurethane coatings and floor toppings, water proofing materials, concrete admixtures and adhesives based on polyurethane, and rubber .

WARRANTY

Whilst Bostik India (P) Ltd., strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.

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