

K2 EPOXYFILL TJF

Three Component High Strength Epoxy Based Tile Joint Filler

Description:

EPOXYFIL TJF is a three component, Epoxide resin-based grout with hygienic, hard-wearing, impervious a high degree of resistance to chemical attack and abrasion for heavy duty applications. The cured material does not transfer taints to foodstuffs, does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition.

Area of Application:

- Restaurants, hotels, kitchens, bathrooms, lobbies
- Swimming pools, showrooms, shopping malls, multiplexes, laboratories
- Food & brewery industries, operating theaters

Technical Properties:

Properties	Results
Nature	Three components (Base, Hardener & Filler)
Specific Gravity (Mixed)	1.85 kg/Liter
Pot Life	60 minutes @ 30° C
Setting Time	24 hrs. @ 30° C
Mix Consistency	Smooth Paste
Shear Strength (14 days)	>30 KN
Compressive Strength (7 days)	800 Kg / cm ²
Joint Width	2- 20 mm

Application Instruction:

SURFACE PREPARATION

- Before commencing grouting, ensure that the tiles fixed are sound and joints are free from tile fixing adhesive.
- The tile joints should be free from any contamination, dust, oil and water. Ensure joints are not in damp condition.

MIXING PROCESS

- Mix PART B in to PART A properly in Suitable clean containers, shake well before use.
- Slowly add PART C into the mixture of PART A & B, as per the pre measured quantity. Mix thoroughly until all of the filler is dispersed and

- Clinics, production and storage workshops.

Benefits:

- Impermeable to liquids and easy to sterilize, clean and maintain.
- High bond strength.
- Durable and crack resistant and non-powdering.
- Water cleanable.
- Provides hygienic, hard wearing and impervious properties.
- Nontoxic & restricts entry of bacteria/ dirt.
- Resistance to certain chemicals.
- Resin part is common for all shades.

uniform color and lumps free consistency is achieved.

- Mixed material can be used within 60 minutes.
- Use slow speed drill machine for mixing.

APPLICATION PROCESS

- Use a hard rubber squeeze for filling grout into the joints. Ensure joints are completely filled.
- Clean off the surplus grout from tile joints and surface within 10-15 minutes. Use dampened sponge to clean the excess grout from the surface.
- Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint.

- For sparkle effect, mix Glitter (gold, silver, copper) in PART A & B mix. Slowly add PART C for Proper mix of glitter in the material.
- To avoid sagging of epoxy grout, use the COLORFIL TJF for pre grouting.

Limitations:

- Do not apply epoxy grout on wet/damp tile joints, Always apply to completely dry tile joints.
- Do not allow water to flow/run into ungrouted joints while application.
- Do not allow the residue to remain on the surface more than 24 hrs.
- Do not over mix the material. Over mixing can reduce the pot life of the mixed quantity.
- Ensure adequate ventilation during application in working places.
- Apply masking tape along tile joints while working on unglazed floor tiles, with matt glaze

or textured surfaces.

- Part mixing is not allowed.

Glitter:

For Sparkle effect use Glitter Gold/Silver/Copper: - 100 gm. pack for 3 kg of Epoxyfil TJF.

Color:

Available in attractive shades, Refer shade card and also available in night glow.

Coverage:

The coverage mentioned in the table is indicative only and can vary as per the tile size, thickness, joint width & wastage during application.

EPOXYFIL TJF	Approximately in kg / Sq. Mtr of K2 EPOXYFIL TJF									
Joint width in MM	Tile Size (Length x Breadth) & Depth in MM									
	100X100X3 mm	150X150X4 mm	200X300 X6 mm	300X300 X6 mm	450X300X7 mm	600X450X8 mm	600X600X8 mm	600X900X11 mm	900X900X12 mm	600X1200 X12 mm
2	0.22	0.20	0.22	0.15	0.14	0.12	0.1	0.11	0.1	0.11
3	0.33	0.30	0.33	0.22	0.22	0.17	0.15	0.17	0.15	0.17
4	0.44	0.39	0.44	0.29	0.3	0.23	0.2	0.23	0.2	0.22
6	0.67	0.59	0.67	0.36	0.43	0.35	0.3	0.34	0.3	0.33
8	0.89	0.79	0.89	0.43	0.58	0.46	0.39	0.45	0.39	0.44
10	1.11	0.99	1.11	0.5	0.72	0.58	0.49	0.57	0.49	0.56
12	1.33	1.18	1.33	0.57	0.86	0.69	0.59	0.69	0.59	0.67

Packing:

- EPOXYFIL TJF is available in below Packs.
- 1kg = Kit 1 (Part A 185gm + Part B 90gm) & kit 2(Part C 725gm)
- 5kg=Kit 1 (Part 925gm + Part B 450gm) Kit 2 (Part C 725gm X 5Nos.)
- Powder Pack available in separately.

Shelf Life and Storage:

EPOXYFIL TJF has a Shelf life of 24 Months

from the date of manufacturing. Store the material in cool and dry place.

Health & safety:

EPOXYFIL TJF is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and medical advice sought immediately.

FIRE

EPOXYFIL TJF is non-flammable.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

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#02/0623