

K2 EPOXYFIL TJF

Three component high strength epoxy based tile joint filler



PRODUCT DESCRIPTION

K2 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.

AREAS OF APPLICATION

Restaurants, hotels, kitchens, bathrooms, lobbies, swimming pools, showrooms, shopping malls, multiplexes, laboratories, food & breweries industries, operating theaters, 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
- Non toxic & restricts entry of bacteria/ dirt
- Resistance to most common chemicals

TECHNICAL SPECIFICATION

Nature	: Three components(Base ,Hardener & Filler)
Specific Gravity (Mixed)	: 1.85
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	: 3- 20 mm
Bed Thickness	: 3-5 mm
Temperature Resistance	: -30° C TO 100° C

SURAFACE 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. Clean and dry the joints by possible means and ensure that they are not in damp condition.

MIXING

- Shake the tin of hardener and stir the base prior to mixing.
- Add all of the hardener to all of the base in a suitable, clean container and mix together thoroughly. If an electric drill mixer is used, mix at a slow speed (less then 300 rpm)
- Add slowly the pre-measured quantity of the filler, mixing thoroughly until all of the filler is dispersed and a uniform color and lumps free consistency is achieved.
- Avoid entraining air by mixing at very high speed or by over mixing.

APPLICATION

- Using a hard rubber squeeze, press the grout firmly in to the joints ensuring that the joints are completely filled.
- Work in small areas to have better control on removing the excess grout material from joints and surface by moving the squeeze diagonally to the grout lines.
- Clean off the surplus grout from tile joints and surface within 10-15 minutes. Initially use a rough textured sponge dampened with clean water to clean the excess grout and to remove the grout residue.
- Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint. Do not allow water to flow or run into ungrouted joints.
- Clean the epoxy/water residue with a fine textured damp sponge in a circular motion, taking care not to drag epoxy grout from joints.
- Clean off any light residue of epoxy left on the tile surface using an alkaline detergent with out disturbing the joint finish.

LIMITATIONS

- Do not apply K2 epoxy grout on wet/damp tile joints, Always apply on 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 tapes along tile joints while working on unglazed floor tiles, with matt glaze or textured surfaces.
- Part mixing is not allowed.

PACKING

1 KG.(Part A – 185 gm, Part B – 90 gm and Part C – 725 gm = 1 kg)

COLOUR

Available in attractive shades, Refer shade card.

COVERAGE

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

Tile Thickness(mm)	Joint Width(mm)	Coverage (Kg/Running meter)
3	3	50
3	5	30
5	5	18

SHELF LIFE AND STORAGE

Shelf life is one year from the date of manufacturing. Store the material in cool and dry place.

Health & Safety:

K2 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 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:

K2 Epoxyfil TJF is nonflammable.

TECHNICAL SUPPORT

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

Important note :

Jay Chemical Industries 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 Jay Chemical 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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