

K2 EPOXYFIL 2k Plus

Two Component Epoxy Based Tile Joint Filler

Description:

K2 EPOXYFIL 2k Plus is a two part epoxy tile joint filler, having organic mineral grout for tile joints with a high level of workability. It is chemical, water resistance and can apply up to the thicknesses of 2mm to 20mm.

Area of Application:

Material to be grouted in grooves of:

- Porcelain tiles, ceramic tiles, mosaic & vitrified of all types and formats.
- Natural stone, synthetic marble, marble etc.
- Internal flooring in domestic, commercial and industrial applications and subject to permanent or occasional contact with chemical substances. Also applicable in heavy traffic

thermal shock and freezing areas.

Benefits:

- Suitable for all types of tile joint's for internal and external use.
- High bond strength.
- Non Sagging, Durable, crack resistant and non-chalking.
- Easy to clean.
- Provides hygienic, hard wearing and impervious properties.
- Nontoxic & restricts entry of bacteria/ dirt.
- Resistance to water & certain chemicals.
- UV Resistance.

Technical Properties:

Properties	Results
Appearance	Part A: colored paste Part B: straw-colored liquid
Specific Gravity (Mixed)	1.65 +/- 0.05 g/cc.
Pot Life	90 minutes
Foot Traffic	24 Hrs.
Mix Consistency	Butter soft consistency and sag free
Compressive Strength (7 days)	50 N/mm ²
Joint Width	2-20 mm
Temperature Resistance	10 °C - 40 °C

Application Instruction:

SURFACE PREPARATION

- Before commencing of grouting, ensure that the tiles fixed are sound and joints are free from tile 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 into a bucket containing Part A as per the Prepacked ratio.
- Mix the two parts uniformly until a smooth, even colored paste is obtained.
- Mix an amount of grout that can be used within 2 hours at 30 °C.
- Higher temperatures shorting hardening times, while lower temperatures slow down setting times.

- Use the slow speed machine for mixing.

APPLICATION PROCESS

- K2 EPOXYFIL 2k Plus must be applied evenly on the tile covering with a hard rubber squeeze. Apply the grout diagonally to the tiles. Remove the excess grout immediately after grouting.
- 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 120 minutes.
- Use the damp sponge in a circular motion and keep it relative to achieve the flush joint.
- For sparkle effect, mix K2 Glitter (Silver/Gold/Copper) in part A & Part B mix. Mix

thoroughly until uniform consistency is achieved.

- Use K2 Softclean for Clean off the surplus grout from tile joints and surface.

Color:

K2 EPOXYFIL 2k Plus is available in selected colors only. Refer K2 EPOXYFIL TJF Shade card.

Coverage:

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

K2 EPOXYFIL 2k Plus		Approximately in kg / Sq. Mtr of K2 EPOXYFIL 2k Plus								
Joint width in MM	Tile Size (Length x Breadth) & Depth in MM									
	100X100X 3 mm	150X150X 4 mm	200X300X6 mm	300X300X6 mm	450X300 X7 mm	600X450 X8 mm	600X600 X8 mm	600X900 X11 mm	900X900 X12 mm	600X1200X 12 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:

K2 EPOXYFIL 2k Plus is available in below packs:-

- 1 kg (Part A – 0.900 kg & Part B – 0.100 kg)
- 4 kg (Part A – 3.600 kg & Part B – 0.400 kg)

Shelf Life and Storage:

K2 EPOXYFIL 2k Plus has a Shelf life of 12 months from the date of manufacturing. Store the

material in cool and dry place. Keep away from direct sunlight exposure.

FIRE

K2 EPOXYFIL 2k Plus 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 Private 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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