

K2 EPOXYFIL 2k

Two Component Epoxy Based Tile Joint Filler

Description:

K2 EPOXYFIL 2k 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 and external 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:

- Enables overlaying of concrete new up to 6 hrs. after applying K2 RESIBOND ER, without delimitation.
- Ensures high Bond strength that is more than the tensile strength of good quality concrete.
- Provides an excellent 'barrier coat' and limits the migration of chloride ions from host concrete.
- Overlay time designed up to 10 hours at temperatures from 10°C to 30°C.

Technical Properties:

Properties	Results
Appearance	Part A: colored paste Part B: straw-colored liquid
Specific Gravity (Mixed)	1.66-1.81 Kg/ lit
Pot Life	3 Hrs. at 32 °C
Foot Traffic	24 Hrs.
Mix Consistency	Butter soft consistency and sag free
Compressive Strength (7 days)	25 kg/cm 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 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 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	Approximately in kg / Sq. Mtr of K2 EPOXYFIL 2k									
	Tile Size (Length x Breadth) & Depth in MM									
Joint width in MM	100X100 X3 mm	150X150X4 mm	200X300X6 mm	300X300 X6 mm	450X300X7 mm	600X45 0X8 mm	600X60 0X8 mm	600X90 0X11 mm	900X90 0X12 mm	600X120 0X12 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 is available in below Packs.

- 1 kg (Part A - 0.940 kg & Part B- 0.060 kg)
- 4 kg (Part A - 3.760 kg & Part B- 0.240 kg)

Shelf Life and Storage:

K2 EPOXYFIL 2k has a Shelf life of 24 months from the date of manufacturing. Store the

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

FIRE

K2 EPOXYFIL 2k is non-flammable.

Technical Support:

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

Important Note:

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KONKEM
KONKEM INDUSTRIES PVT LTD
A Group Company of **JAY**

Jay House, Panchvati Circle,
Ambawadi, Ahmedabad
3 8 0 0 0 6 . India

Phone: 079-69073222

Email: infok2@konkem.com

Website: www.konkem.com

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