

EPOXY TILE JOINT GROUT

Product Description

hahne EPOXITONE is a three-component, high-performance, decorative epoxy grout suitable for tile joints. It is composed of a resin (Part A), hardener (Part B), and pigmented filler powder (Part C). Designed for aesthetic appeal and superior performance, it resists chemical attacks, stains, and moisture, making it ideal for demanding applications. It offers a smooth, dense, and non-porous finish with excellent colour stability.

Area of Applications

hahne EPOXITONE is ideal for dry and wet areas, including:

- Kitchens, bathrooms, swimming pools, jacuzzis, saunas
- Commercial spaces like malls, hotels, multiplexes, showrooms
- Industrial environments such as laboratories, dairies, breweries, food processing units, battery rooms, and waste treatment plants
- Healthcare facilities including clinics and operation theatres

Recommended Substrates

- Ceramic, vitrified, and natural stone tiles
- Mosaic and glass tiles
- Cementitious tile adhesives and waterproofing systems

Features and Benefits

- High chemical resistance
- Water and stain resistant
- Smooth, hygienic and easy-to-clean finish
- Excellent colour fastness
- Non-shrink and durable
- Anti-bacterial and anti-fungal properties

Consumption

Consumption will depend on tile size and joint width.

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Technical Specifications

Form	Three-component (A+B+C)
Mixing Ratio	A:B:C = as per supplied set
Pot Life	~45 minutes @ 25°C
Application Temperature	+10°C to +35°C
Joint Width Suitability	1.5 mm to 10 mm
Compressive Strength	≥ 50 MPa
Water Absorption	< 0.1%
Chemical Resistance	Excellent
Colour Options	Multiple UV-stable shades
Curing Time	Light foot traffic: 24 hrs
Full Cure	7 days

Coverage Chart

SIZE OF TILE IN MM	Grout Consumption in Kg/m ²								
	Joint Width in mm								
2	3	4	5	6	7	8	9	10	
200 X 300 X 8	0.21	0.31	0.41	0.51	0.61	0.7	0.8	0.89	0.98
250 X 400 X 8	0.16	0.24	0.32	0.4	0.48	0.56	0.63	0.71	0.78
300 X 300 X 8	0.17	0.25	0.33	0.41	0.49	0.57	0.65	0.72	0.8
300 X 300 X 10	0.21	0.31	0.42	0.52	0.62	0.71	0.81	0.9	1
300 X 300 X 12	0.25	0.38	0.5	0.61	0.74	0.86	0.97	1.09	1.2
300 X 450 X 8	0.14	0.21	0.28	0.35	0.41	0.48	0.54	0.61	0.67
300 X 450 X 10	0.18	0.26	0.35	0.43	0.52	0.6	0.68	0.76	0.84
300 X 450 X 12	0.21	0.31	0.42	0.52	0.62	0.72	0.82	0.91	1.01
300 X 600 X 8	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61
400 X 400 X 8	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61
400 X 400 X 10	0.16	0.24	0.31	0.39	0.47	0.54	0.62	0.69	0.76
400 X 400 X 12	0.19	0.28	0.38	0.47	0.56	0.65	0.74	0.83	0.91
600 X 600 X 10	0.11	0.16	0.21	0.26	0.32	0.4	0.42	0.47	0.52
600 X 600 X 12	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.62

Surface Preparation

Ensure joints are clean, dry, and free of dust, oil, or other contaminants. Substrates must be stable and the adhesive should be fully cured before grouting.

Mixing Ratio

Pour Part A (Resin) and Part B (Hardener) into a clean container and mix thoroughly. Gradually add Part C (Pigmented Filler) while stirring. Mix for 3-4 minutes until a homogeneous, uniform paste is obtained.

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Application Procedure

Apply the prepared grout using a rubber float or spatula. Compact the grout firmly into the joints. Remove excess material with the edge of the float. After initial curing, clean the tiles with a damp sponge. Final cleaning should be done after the surface has dried, using appropriate cleaning pads if required.

Precautions and Limitations

Ensure clean, dry joints and mix components thoroughly; apply within pot life at temperatures between 10°C–35°C using protective gear. Not suitable for joints wider than 10 mm or use on uncured substrates; full cure takes 7 days and proper workmanship is essential for optimal results.

Packaging

hahne EPOXITONE is available in 1 Kg and 3 Kg packs in below 18 colours, available in pre-measured packs for ease of mixing. Each pack contains Resin (Part A), Hardener (Part B) and Coloured Filler (Part C).



Storage and Shelf Life

Store in a cool, dry place, away from direct sunlight and moisture, to maintain its quality. The shelf life of the product is 24 months if stored in its original sealed packaging.

Safety Instructions

Contains epoxy resins and amine hardeners. Use protective gloves and eyewear during application. Avoid skin contact. In case of eye contact, rinse with water and seek medical advice.

DISCLAIMER: The information and application guidelines provided by the company and its representatives are intended solely as a general reference. Users are strongly encouraged to conduct their own tests and trials to verify the product's suitability for their specific requirements before proceeding with full-scale use. As the identification of underlying issues, the quality of other materials and the workmanship on-site are beyond our control, we cannot offer any express or implied guarantees regarding the results. The company disclaims any liability for damages or unsatisfactory outcomes that may arise from the use of our products.