

KE-100 GLITTER

GRESBOND KE-100 GLITTER:

Dazzling Sparkle Effects in **Gold, Silver, and Copper** for Stunning Tile Finishes

PRODUCT DESCRIPTION:

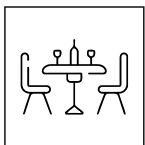
GRESBOND KE-100 GLITTER is a specially designed epoxy grout that provides a stunning sparkle effect to enhance the beauty of tiles. It can be used in interior & covered exterior floor & wall areas with ceramic tiles, vitrified tiles, natural stone, and marble. It offers high bond strength for durable joints, excellent chemical resistance and a hygienic, stain-resistant finish.

Available in 1 Kg and 5 Kg packs

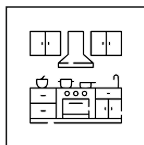


FEATURES / BENEFITS	SUBSTRATES
Colour-fast	Vitrified tile
Stain-Resistance	Ceramic tile
Easy to clean	Glass Mosaic Tile
Chemical and Temperature resistant	Granite
Non-cracking or powdering	Marble
Complies with ISO 13007 standards	Agglomerates (Engineered Stones)
Available in 03 Sparkle effects—Gold, Silver and Copper	Precast Terrazzo tiles
UV resistant and suitable for external usage	

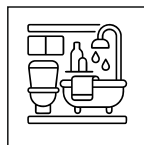
APPLICATION



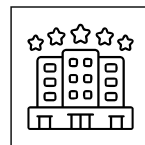
Restaurants



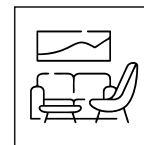
Kitchens



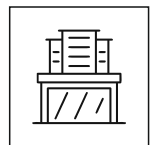
Bathrooms



Hotels



Lobbies



Showroom

◆ COMPLIANCE : ISO 13007 – 4 (RG)

- ◆ **PACKAGING :** GRESBOND KE-100 GLITTER epoxy grout is a factory-proportioned kit consisting of Resin (Part A), Hardener (Part B) and coloured filler powder with sparkle (Part C).

UNIT NET WEIGHT:

COMPONENT	1 Kg.	5 Kg.
Resin	0.2 Kg.	1 Kg.
Hardner	0.08 Kg.	0.4 Kg.
Coloured filler powder with sparkle	0.720 Kg.	3.6 Kg.


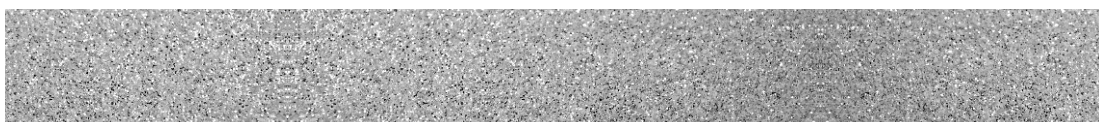

TECHNICAL DATA

ISO / EN Data

PROPERTY / TEST METHOD	REQUIREMENT	TYPICAL VALUES
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	$\leq 250 \text{ mm}^3$	Pass
Flexural strength under standard conditions: ISO 13007 – 4: Clause 4.1.3; EN 12808 – 3	$\geq 30 \text{ N/mm}^2$	38 - 40 N/mm ²
Compressive Strength under standard conditions: ISO 13007 – 4: Clause 4.1.4; EN 12808 – 4	$\geq 45 \text{ N/mm}^2$	55 – 57 N/mm ²
Shrinkage: ISO +13007 – 4: Clause 4.3 : EN 12808 – 4	$< 1.5 \text{ mm/m}$	0.6 – 0.8 mm/m
Water Absorption after 240 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	$\leq 0.1 \text{ g}$	0.015 – 0.040 g

The grout mortar conforms to ISO 13007 – 4 (RG).

GROUT COLOURS :

	Gold
	Silver
	Copper

WORKING PROPERTIES AT 70° F (21° C)

- Pot life 45 minutes
- Foot traffic 24 hours
- Heavy traffic 72 hours

Coverage:

Please refer to the coverage chart as it depends on the tile size, joint width and depth.

Tile Size X Thickness	Joint Width						
	2 mm	3mm	4 mm	6 mm	8 mm	10 mm	12 mm
100x100x3	264	177	133	90	68	55	46
150x150x4	296	198	143	100	75	61	51
200x150x5	269	181	136	91	69	55	46
150x300x6	263	175	132	88	66	53	44
300x300x6	394	263	198	132	100	80	67
450x300x7	405	270	202	135	101	81	68
600x450x8	506	337	253	169	127	101	85
600x600x8	591	394	295	197	148	119	99
600x900x11	515	343	258	171	129	103	86
900x900x12	590	393	295	197	148	118	99

*Note:

Coverage: Approximate Sq. Ft. coverage per #1 unit (5 kg) of Gresbond. As per the actual site the consumption vary accordingly. These figures are for indicative purpose.

Important Site Checks for Gresbond KE-100 GLITTER Grout Installation:

Colour Confirmation:

- Verify the grout colour matches the client's desired selection.
- Test a small area with actual tile/stone to check for colour absorption by the material, which may cause discolouration.

Movement Joints :

- Include proper movement and peripheral joints to accommodate movement in the tile/stone.
- Use a flexible grout or sealant for these movement joints.

Grout Limitations :

- Gresbond KE-100 GLITTER is a rigid epoxy grout and cannot accommodate movement in the tile/stone.
- Failure to incorporate movement joints can lead to cracks in the grout, tile or stone

Sun Protection:

- When applying KE-100 GLITTER in open areas like swimming pools, keep the work area covered and protected from sunlight for 7 days.
- Maintain the cover until the pool is filled with water

SURFACE PREPARATION :

- Before grouting, remove debris from grout joints and lightly sponge the tile surface to remove dust and dirt.
- Do not use acid cleaners on tiles. If acid cleaners were used, wash the area thoroughly with water before grouting.
- Substrate temperature must be between 60°F (16°C) and 90°F (32°C)

MIXING :

- Empty Parts A and B of KE-100 GLITTER into a pail and mix for 1 minute.
- Add Part C, Colorued filler powder with sparkle and mix.
- Add remaining filler powder if needed for desired consistency.
- Mix with a margin trowel or slow speed drill mixer until liquids are completely blended.
- Immediately pour the entire mixture onto a working area lined with a plastic sheet

APPLICATION :

- Use standard epoxy grouting techniques or a caulking gun to apply KE-100 GLITTER Grout into the tile joints.
- Ensure all grout joints are completely filled.
- Remove as much excess material as possible before cleaning with a grout float.
- Do not leave excess grout on the tile surface

CLEANING :

- Remove excess grout from the tile faces with the edge of a grout float held at a 90° angle.
- Pull the float diagonally across the joints and tiles to avoid pulling out grout.
- After 30-45 minutes, scrub the surface of the tiles and joints with clean water and the provided scrubber to remove excess grout.
- Then, use a clean, thick white towel to remove any residue from the tiles.
- Perform a final cleaning within 24 hours using a normal soap detergent solution to remove any haze from the tiles.

SHELF LIFE AND LIMITATIONS :

- Shelf life: 1 years in factory-sealed containers stored at temperatures between 32°F (0°C) and 110°F (43°C).
- Light coloured grout may darken slightly due to direct UV exposure. Consult GRESBOND technical team for specific exterior grouting recommendations.
- Not recommended for soft, polished marble or delicate glazed tiles.
- Maximum stain resistance is achieved 10 days after installation. Protect from acids and strong cleaners during this period.
- Adhesives/mastics, mortars, and grouts are not replacements for waterproof membranes. Use Waterproof Membrane when required

MAINTENANCE :

- Clean grouts regularly with a neutral pH soap and water solution or GRESBOND Tile Cleaner Tc1 cleaner.
- Performance and durability depend on properly maintaining the installed area

Customer Care

Kajaria Ceramics Limited

J1/B1 (Extn.), Mohan Co-op Industrial Estate (Opp. Badarpur Thermal Power Station), Mathura Road, New Delhi - 110 044

Phone: +91-11-2694 6409 Fax: +91-11-2694 6407, 2694 9544 | Email: info@kajariagresbond.com