

PREMIUM UN-SANDED GROUT

PRODUCT DESCRIPTION:

Premium Un-sanded GROUT is a high-quality, polymer-based, Un-sanded cement grout designed for both interior and exterior use. It is perfect for filling joints between 1mm and 3mm wide on floors and walls. This versatile grout is suitable for a wide range of materials, including ceramic tiles, vitreous and semivitreous tiles, glass mosaic tiles, precast terrazzo, engineered stone floors, and natural stones. It is particularly recommended for institutional and commercial general floor and wall areas.



FEATURES / BENEFITS	SUBSTRATES
Weather Resistant	Vitrified tile
Easy to Apply and Clean	Ceramic tile
Non-Cracking or Powdering	Glass Mosaic Tile
Complies with ISO 13007 Standards	Granite
Water and Shock Resistant	Marble
	Agglomerates (Engineered Stones)
	Precast Terrazzo tiles
	Brick

APPLICATION

Premium Un-sanded Grout should be mixed with Premium Grout Admix KGA-01. This combination creates a strong and long-lasting bond, improving the overall lifespan and aesthetics of the tiled surfaces

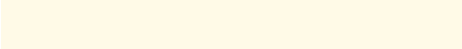
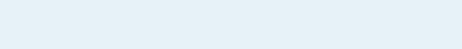
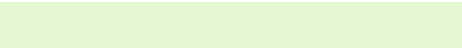
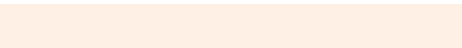
◆ **COMPLIANCE : ISO 13007 – 4 (CG1)**

◆ **PACKAGING :** Available in 1 Kg bag

Working Properties at 70° F (21° C)

- ◆ Pot life 60 minutes
- ◆ Foot traffic 24 hours
- ◆ Heavy traffic 72 hours

COLOUR PLAIN

	Crema		Aqua
	Champagne		Alpine Blue
	Ivory		Rose
	Autumn Yellow		Bottle Green
	Granilia Grey		Marble Beige
	Almondo		Steel Grey
	Fiero		Cobalt Blue
	Brown		Chocolate
	Copper Brown		Black

Elite Plain

	Blanco Nieve		Turquoise Blue
--	---------------------	---	-----------------------

TECHNICAL DATA

Applicable Standards: GRESBOND Premium Un-sanded Grout, when mixed with water: ISO 13007 – 4 (Cg1)

ISO / EN DATA		
PROPERTY / TEST METHOD	REQUIREMENT	TYPICAL VALUES
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	$\leq 2000 \text{ mm}^3$	1350 – 1700 mm^3
Flexural strength under standard conditions: ISO13007 – 4: Clause 4.1.3; EN 12808 – 3	$\geq 2.5 \text{ N/mm}^2$	3.5 – 3.9 N/mm^2
Flexural strength under freeze and thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 – 3	$\geq 2.5 \text{ N/mm}^2$	3.5 – 3.9 N/mm^2
Compressive Strength under standard conditions: ISO 13007 – 4: Clause 4.1.4; EN 12808 – 4	$\geq 15 \text{ N/mm}^2$	21 – 22 N/mm^2
Compressive Strength under freeze & thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 – 4	$\geq 15 \text{ N/mm}^2$	20 – 22 N/mm^2
Shrinkage: ISO 13007 – 4: Clause 4.3 : EN 12808 – 4	$< 3 \text{ mm/m}$	1.9 – 2.3 mm/m
Water Absorption after 30 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	$\leq 5.0 \text{ g}$	2.5 – 3.0 g
Water Absorption after 240 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	$\leq 10 \text{ g}$	4.0 – 8.0 g

TECHNICAL DATA

Applicable Standards: GRESBOND Premium Un-sanded Grout, when mixed with Grout Admix KGA-01:
ISO 13007 – 4 (Cg1)

ISO / EN DATA		
PROPERTY / TEST METHOD	REQUIREMENT	TYPICAL VALUES
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	$\leq 2000 \text{ mm}^3$	1350 – 1700 mm^3
Flexural strength under standard conditions: ISO 13007 – 4: Clause 4.1.3; EN 12808 – 3	$\geq 2.5 \text{ N/mm}^2$	4.0 – 5.5 N/mm^2
Flexural strength under freeze and thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 – 3	$\geq 2.5 \text{ N/mm}^2$	3.5 – 5.0 N/mm^2
Compressive Strength under standard conditions: ISO 13007 – 4: Clause 4.1.4; EN 12808 – 4	$\geq 15 \text{ N/mm}^2$	21 – 22 N/mm^2
Compressive Strength under freeze & thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 – 4	$\geq 15 \text{ N/mm}^2$	20 – 22 N/mm^2
Shrinkage: ISO 13007 – 4: Clause 4.3 : EN 12808 – 4	$< 3 \text{ mm/m}$	1.9 – 2.3 mm/m
Water Absorption after 30 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	$\leq 5.0 \text{ g}$	2.0 – 2.5 g
Water Absorption after 240 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	$\leq 10 \text{ g}$	4.0 – 6.0 g

COVERAGE CHART*

Tile Size x thickness (in mm)	1 mm	2 mm	3 mm
100 x 100 x 3	143	72	48
150 x 150 x 4	161	81	54
200 x 150 x 5	147	74	49
150 x 300 x 6	143	86	47.8
300 x 300 x 6	215	71.6	71
450 x 300 x 7	220.5	110.4	73.7
600 x 450 x 8	275.5	137.9	92
600 x 600 x 8	321	161	107
600 x 900 x 11	280.4	140.3	107
900 x 900 x 12	321.3	160.8	107.2

Coverage (in sq. ft.): Approximate. sq. ft. coverage per 1 kg unsanded grout.

Important Site Checks for GRESBOND Premium Un-sanded Grout Installation

Colour Confirmation:

- Ensure the grout colour matches the client's selection.
- Test a small area with the actual tile/stone to check for colour absorption.

Movement Joints :

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

Grout Limitations :

- GRESBOND Premium Un-sanded Grout is rigid and cannot accommodate tile/stone movement.
- Lack of movement joints can cause cracks in the grout, tile, or stone.

SURFACE PREPARATION :

- Remove debris from grout joints before grouting.
- Lightly sponge the tile surface to remove dust and dirt.
- Do not use acid cleaners on tiles. If used, wash the area thoroughly with water before grouting.
- Ensure the substrate temperature is between 60°F (16°C) and 90°F (32°C).

MIXING INSTRUCTIONS :

- Prepare Admix: Stir Premium Grout Admix KGA-01 thoroughly before use.
- Mix Ratio: Use 375-400 ML of water or Grout Admix KGA-01 per 1 kg of GRESBOND Premium Un-sanded Grout.

MIXING :

- Pour water or Grout Admix KGA-01 into a clean container.
- Slowly add grout powder.
- Mix by hand or with a slow-speed mixer until smooth and stiff. Use potable grade water for best results

APPLICATION INSTRUCTIONS :

- **Dampen Surface :** Lightly dampen the tile surface with water.
- **Spread Grout :**
 - ◆ Use a sharp, firm rubber grout float to spread the grout paste.
 - ◆ Work the grout into the joints with diagonal strokes, ensuring joints are fully filled without bridging.

CLEANING INSTRUCTIONS :

- **Primary Cleaning:**
 - ◆ Remove excess grout from tile faces using the edge of the grout float.
 - ◆ Hold the float at a 90° angle and pull it diagonally across joints and tiles to avoid pulling out grout.
- **Secondary Cleaning:**
 - ◆ Use a damp (not wet) sponge or towel to clean remaining grout, working diagonally.
 - ◆ Allow grout to dry.
 - ◆ Once grout joints are firm, polish the surface with a coarse nylon pad or cloth using minimal water.

SHELF LIFE AND LIMITATIONS :

- Factory-sealed packs last for one year if stored off the ground in a dry area.
- Protect from acids and strong cleaners during use.
- Acidic cleaners can damage the grout, causing colour change, cracking, and powdering.
- Adhesives, mortars, and grouts are not substitutes for waterproof membranes. Use a waterproof membrane when needed

MAINTENANCE :

- Clean grouts regularly with a neutral pH soap and water solution.
- Proper maintenance ensures performance and durability of the installed are

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