



Jubiguard EPOXY GROUT 2K

HIGH-PERFORMANCE, CHEMICAL-RESISTANT GROUTS

JUBIGUARD EPOXY GROUT 3K is a high-performance, two-component, water-cleanable epoxy grout mortar specially designed for joint filling of ceramic, vitrified, and stone tiles. It provides excellent mechanical strength, high chemical resistance, and hygienic properties with easy cleanability.

Standards Compliance

- EN 13888: Class RG (Reactive Resin Grout)
- ANSI A118.3: Epoxy Resin Grout Standard



Area of Application

- Residential and commercial flooring
- Wet areas such as bathrooms, kitchens, swimming pools
- Industrial floors exposed to chemicals and heavy traffic
- Food processing units, laboratories, hospitals, operation theatres
- Decorative applications in malls, showrooms, and high-end interiors



Technical Information

| Properties | Test Standards |
|------------------------|---|
| Base | Part A : Epoxy Resin + Filler Part B: Epoxy Hardener |
| Aspect | Part A : Paste Part B: Liquid |
| Colour | Part A : Pigmented Paste Part B: Pale Yellow |
| pH | N/A |
| Mixing Ratio | 100:9 |
| Gel/Pot Time @25°C | 35 to 45 min |
| Tack Free Time @25°C | 6 to 7 Hours |
| Working Time | 1 Hour |
| UV Stability | Yes |
| Heavy Traffic | 72 Hours |
| Shrinkage after 7 Days | <0.3% |
| Bond Strength | 7.55 Mpa |
| Compressive Strength | 50.45 Mpa |
| Tensile Strength | 15.25 Mpa |

Chemical Resistance

| Chemical Name | Splash Exposure | Limited Exposure | Heavy Exposure |
|-------------------|-----------------|------------------|----------------|
| Vegetable Oil | R | R | R |
| Groundnut Oil | R | R | R |
| Wine | R | R | R** |
| KMN04 | R | R | R** |
| Ethanol | R | R | * |
| Toluene | R | * | * |
| Sulfuric Acid | R | R | R |
| Caustic Soda | R | R | R |
| Lime Juice | R | R | R |
| Fruit Juice | R | R | R |
| Methanol | R | * | * |
| Sea Water | R | R | R |
| Milk | R | R | R |
| Household Cleaner | R | R | R |

* - Not Recommended
R - Recommended
R** - Continuous Exposure can discolour epoxy



Pack Sizes

- 1 kg Pack: A (0.9 kg) + Part B (0.1 kg)
- 5 kg Pack: Part A (4.5 kg) + Part B (0.5 kg)



Features



Antibacterial and antifungal
Ensure hygienic surfaces



Stain resistant
Prevents discoloration and maintains aesthetics.



Water cleanable
Easy to use and maintain.



High chemical resistance
Withstands oils, acids, alkalis, and cleaning agents.



High compressive & Tensile Strength
For durability under heavy loads.



Non-cracking, Non-Shrinkage
Long-lasting joint protection.



Joint width compatible
Suitable for joint widths of 2–12 mm.



Mixing & Application



1. Mix Part A and Part B in the ratio 100:40 until homogeneous using a slow-speed mixer.



2. Mix Part A and Part B in the prescribed ratio (100:9) using a slow-speed mixer until homogeneous



3. Apply the mixture into tile joints using a rubber float, ensuring complete filling.



4. Remove excess grout and clean joints with a damp sponge or pad after 25–40 minutes.

5. Recommended substrate temperature: 10°C to 40°C; at least 3°C above dew point.

6. Relative Humidity during application should not exceed 80%.



Coverage

Coverage depends on tile size and joint width. Example: For 300x300x6 mm tiles with 3 mm joints, coverage is approx. 265 running meters per kg. Refer to detailed consumption chart for different tile dimensions.

| Tile Size (mm) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 12 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100 x 100 x 2 | 400 | 269 | 202 | 164 | 136 | 116 | 104 | 93 | 71 |
| 150 x 150 x 4 | 297 | 200 | 153 | 120 | 93 | 87 | 78 | 56 | 53 |
| 200 x 200 x 5 | 318 | 213 | 162 | 128 | 107 | 93 | 82 | 66 | 55 |
| 200 x 300 x 6 | 316 | 211 | 159 | 126 | 105 | 91 | 80 | 64 | 54 |
| 300 x 300 x 6 | 395 | 265 | 199 | 159 | 135 | 115 | 102 | 82 | 69 |
| 400 x 400 x 6 | 526 | 353 | 265 | 212 | 177 | 152 | 135 | 107 | 91 |
| 450 x 450 x 7 | 507 | 340 | 255 | 205 | 173 | 159 | 128 | 102 | 86 |
| 500 x 500 x 8 | 494 | 331 | 247 | 178 | 165 | 127 | 125 | 100 | 84 |
| 600 x 600 x 8 | 592 | 396 | 297 | 237 | 198 | 170 | 147 | 120 | 100 |

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The coverage & consumption figures are theoretical and do not allow for any additional material required due to surface porosity, surface profile, variations in level or wastage etc.



Shelf life



Best before 24 months
in sealed pack under proper storage.

- Keep in a cool, dry, and well-ventilated area. Use within 7 days of opening. Refer to packaging for shelf life and expiry.



Health & Safety

- Wear protective clothing, gloves, and goggles during application
- Avoid skin and eye contact; rinse with water immediately if contact occurs
- Do not ingest – keep away from children
- Apply only in well-ventilated areas
- In case of ingestion or serious exposure, seek medical assistance immediately

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For Feedback/complaints, write to Product Manager, CPD, Jubilant Agri and Consumer Products Limited

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