

# Technical Data Sheet (GoPoxy 2-Part Epoxy Tile Grout)

**Product Description** GoPoxy Epoxy Grout is a two-part, high-performance resin grout designed for wall and floor tile installations. Certified to EN 13888 as **Class RG**, it combines exceptional strength with chemical and abrasion resistance. Ideal for demanding environments such as bathrooms, kitchens, swimming pools, and commercial spaces.

## Key Advantages of Gopoxy Over Cement-Based and Traditional Epoxy Grouts

- **Easy, Mess-Free Application** Applied using a dedicated grout gun for smooth, accurate placement with minimal waste. No mixing buckets required.
- **Reusable Epoxy Formula** Unused material from Gopoxy's epoxy range can be saved and reused by replacing the mixing nozzle. Traditional grouts cannot typically be reused once mixed.
- **Waterproof and Stain Resistant** Fully waterproof and highly resistant to staining and water damage, making it ideal for wet rooms, kitchens, and bathrooms.
- **Non-Discolouring and UV-Resistant Options** Colour remains stable over time. Poly Grout formula offers enhanced UV resistance, suitable for areas exposed to light.
- **Low Maintenance** No sealing required. Resists mould and mildew, easy to clean with minimal chemical cleaners.
- **Crack and Shrink Resistant** Highly resistant to shrinkage, staining, cracking, and discolouration — maintaining integrity under movement and temperature changes.

## Technical Data (per EN 12808 testing)

- Classification: **EN 13888 RG**
- Mixing Ratio: 1:1 (resin:hardener)
- Flexural Strength: **>47 N/mm<sup>2</sup>**
- Compressive Strength: **>45 N/mm<sup>2</sup>**
- Water Absorption (30 min / 240 min): **0.0 g**
- Shrinkage: **0.9 mm/m** (≤ 1.5 mm/m)
- Abrasion Resistance: **0.01 g loss** (≤ 0.1 g)
- Freeze-Thaw Resistance: Flexural ≥30 N/mm<sup>2</sup>, Compressive ≥31 N/mm<sup>2</sup>.

## Packaging & Storage

- 400ml twin cartridge tube
- Shelf life: 12 months
- Store in a cool, dry, well-ventilated place

## Safety

- Avoid contact with skin and eyes.
- Use suitable Personal Protective Equipment (PPE) gloves, protective clothing, eye and ear protection when mixing and applying.
- Ensure adequate ventilation during application.
- In case of eye contact: rinse with water and seek medical advice if irritation persists.
- Keep away from heat, sparks, and ignition sources.
- Safety Data Sheet available on requests from our stockists or website.

**Coverage** Coverage depends on joint width, depth, and tile size. Typical yield: 10–20 linear meters per tube. For precise estimation, use the online calculator at: [www.gopoxy.co](http://www.gopoxy.co)

**Disclaimer of Liability** The information provided in this Technical Data Sheet is based on our current knowledge and experience. It is intended as a guide only and does not constitute a warranty of product performance or suitability for all applications. Since application conditions are beyond our control, users must test the product's suitability for their specific purpose and assume all risks associated with its use. Portico Commerce Ltd accepts no liability for improper use, application outside the stated recommendations, or results arising from external factors.

While GoPoxy is manufactured to the highest quality standards, its performance is dependent on the proper application, adherence to instructions, and environmental conditions. Variations in lighting, substrate, and other factors may result in differences between the in-situ colour appearance and the colour card. Light-coloured products may be prone to pigment yellowing, particularly when exposed to direct sunlight or differing lighting conditions. Our company assumes no responsibility or liability for:

## Applications

- Best suited for medium to large format ceramic, porcelain, glass, and non-absorptive natural stone tiles.
- Interior use. May be used outdoors in shaded/covered areas (lighter colours may yellow under UV).
- Compatible with underfloor heating.
- Suitable for mitre edges, and wet tray applications.
- Not suitable for areas regularly exceeding 60°C surface temperature.
- Not suitable for highly porous stones (e.g. limestone, sandstone).

## Conformity

- CE Marked
- UKCA Marked
- Conforms to **EN 13888 RG classification**

## Curing & Working Times

- Working Time: 15–30 min (depending on temperature)
- Initial Hardening: 3–12 hrs
- Fully Cured: 12–24 hrs
- Application Temperature: +5°C to +35°C (recommended 12–18°C)
- Service Temperature: up to 70°C surface temperature.

**Aftercare** For best results, clean tiled areas grouted with GoPoxy using **pH-neutral cleaners only**. Avoid the use of acid or alkaline cleaning products, as these can damage the grout surface and compromise its longevity. Regular gentle cleaning will help maintain the appearance and performance of your grout for years to come.

- Improper use, application, or preparation of surfaces.
- Unsuitable or incompatible materials used in conjunction with this product.
- External factors, such as temperature, humidity, or chemical exposure, that may impact performance.
- Variations in results due to user error or deviations from recommended practices.
- Colour or finish discrepancies beyond the scope of a small pre-applied and tested area to ensure suitability.

It is the responsibility of the user to ensure the product's suitability for the intended application through preliminary testing on a small, inconspicuous area. By using this product, the customer accepts all risks and liabilities associated with its use. For further guidance or questions, please refer to the instructions provided or contact our support team.

## **Manufacturer**

Portico Commerce Limited

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