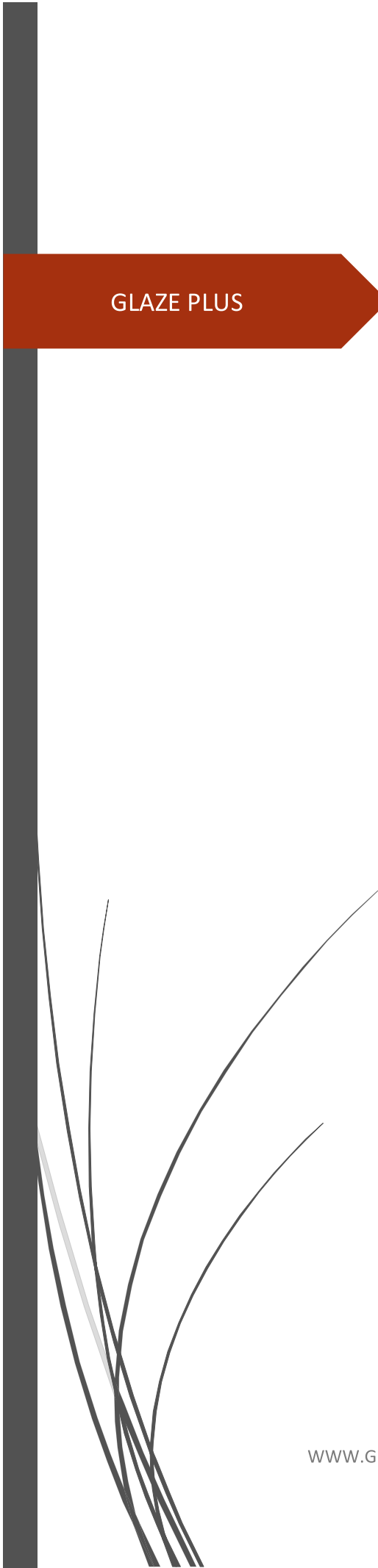


A thick dark grey vertical bar runs along the left edge of the page. In the lower-left quadrant, several thin, dark grey curved lines sweep upwards and to the right, creating an abstract, organic shape.

GLAZE PLUS

TECHNICAL DATA SHEET

GLOWOXY-149

GLOWOXY-149



DESCRIPTION

GLOWOXY-149 is a two-component epoxy-based mortar and grout designed for the installation and grouting of ceramic tiles, vitrified tiles, mosaics and natural stones. Its formulation is intended for applications requiring high durability, chemical resistance, low water absorption and hygienic joints. The product is suitable for residential, commercial, institutional and high-traffic environments where durable and easy-to-maintain joints are required.

KEY FEATURES

- Two-component epoxy system
- Chemical-resistant joint filler
- Strong and durable joints
- Low water absorption
- Non-slip characteristics
- Suitable for demanding wet areas
- Easy-to-clean finished joints
- Can be used as grout mortar and adhesive
- Suitable for vertical applications
- Suitable for indoor and outdoor applications
- Available in 50+ colours
- Joint width: 2–20 mm*

RECOMMENDED

GLOWOXY-149 is suitable for:

Residential

- Bathrooms
- Kitchens
- Living rooms
- Bedrooms

Commercial / Institutional

- Showrooms
- Airports
- High-traffic areas
- Commercial buildings

Specialized Areas

- Hospitals
- Laboratories
- Food & beverage areas
- Dairy industries
- Swimming pools
- For aggressive chemical environments, suitability should be confirmed against the relevant chemical-resistance data before application.

SUITABLE MATERIALS

GLOWOXY-149 can be used with:

- Ceramic tiles
- Vitrified tiles
- Porcelain tiles
- Mosaics
- Natural stone

COMPONENT SYSTEM

GLOWOXY-149 consists of two pre-batched components:

COMPONENT A

Epoxy resin, mineral aggregates and additives.

COMPONENT B

Hardener / curing component containing organic catalysts.

The two components are supplied in their respective containers and must be mixed before application.

MIXING RATIO

Component A : Component B

93 : 7 by weight

The components are pre-batched according to the required pack size.

PACKING COMPONENTS

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GLOWOXY-149 a factory proportioned kit with Resin [Part A], Hardener [Part B]

UNIT	Net Wt.
Resin 900 grm + Hardener 100 grm (9:1) =	1.0 kgs Set
Resin 4500 grm + Hardener 500 grm =	5.0 kgs Set

Use before 24 months, if stored at temperature > 32°F (00°C) and < 110°F (43°C)

TECHNICAL DATA

- Type: Part A (Thick paste) + Part B (Dense liquid)
- Joint width: 2-20mm
- Working time: 45min@ 25°C
- Setting time: 24 hours@25°C
- Initial setting time: 3hrs to 30 min.
- Service setting time: < 7 Days
- Complete Cure: 7Days
- Water Absorption: 0.03
- Shelf life: 24 months
- Liner shrinkage: >0.10%
- Shear bond strength: >5.99N/mm²
- Tensile Strength: >11.50 N/mm²
- Compressive Strength: >81.33 N/mm²
- Application temperature: +12°C to +30°C
- Consistency of mix: Thick paste
- Density: Part(A): 1.77, Part(B): 0.95

COLOR

Available in 50+ attractive colors.

SURFACE PREPARATION

Before starting to grout, the tile surface should be dust and dirt free. Do not clean tile with acid cleaners.

MIXING

Pour all the hardener, component B, into a bucket contains component A. A mix well until a smooth paste is obtained. For perfect mixing and avoiding overheating of the mixture, use a low speed stirrer.

APPLICATION

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Immediately pour contents of bucket into working area. Be sure all grout joints are packed full. Remove excess material as possible before initial cleaning with grout float. Do not leave excess grout on the face of tile.

INITIAL CLEANING

After 30-40 min of the application of epoxy grout scrub the surface of the tile and joint with clean water and scrubber provided to remove any excess grout. Then take a clean thick towel and drag across the tile to remove any residue.

INITIAL CLEANING

With in 24 hrs do a second cleaning with normal soap detergent to remove any haze from the tile.

WORKING PROPERTIES

Pot life: 45min

Foot Traffic: 24 hrs

Heavy Traffic: 72 hrs

PACKAGING: 1Kg | 5Kg

COVERAGE

Varies with tile size and grout width.

NOTE

Specification subject to change without notification results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site condition.

TECHNICAL SUPPORT

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