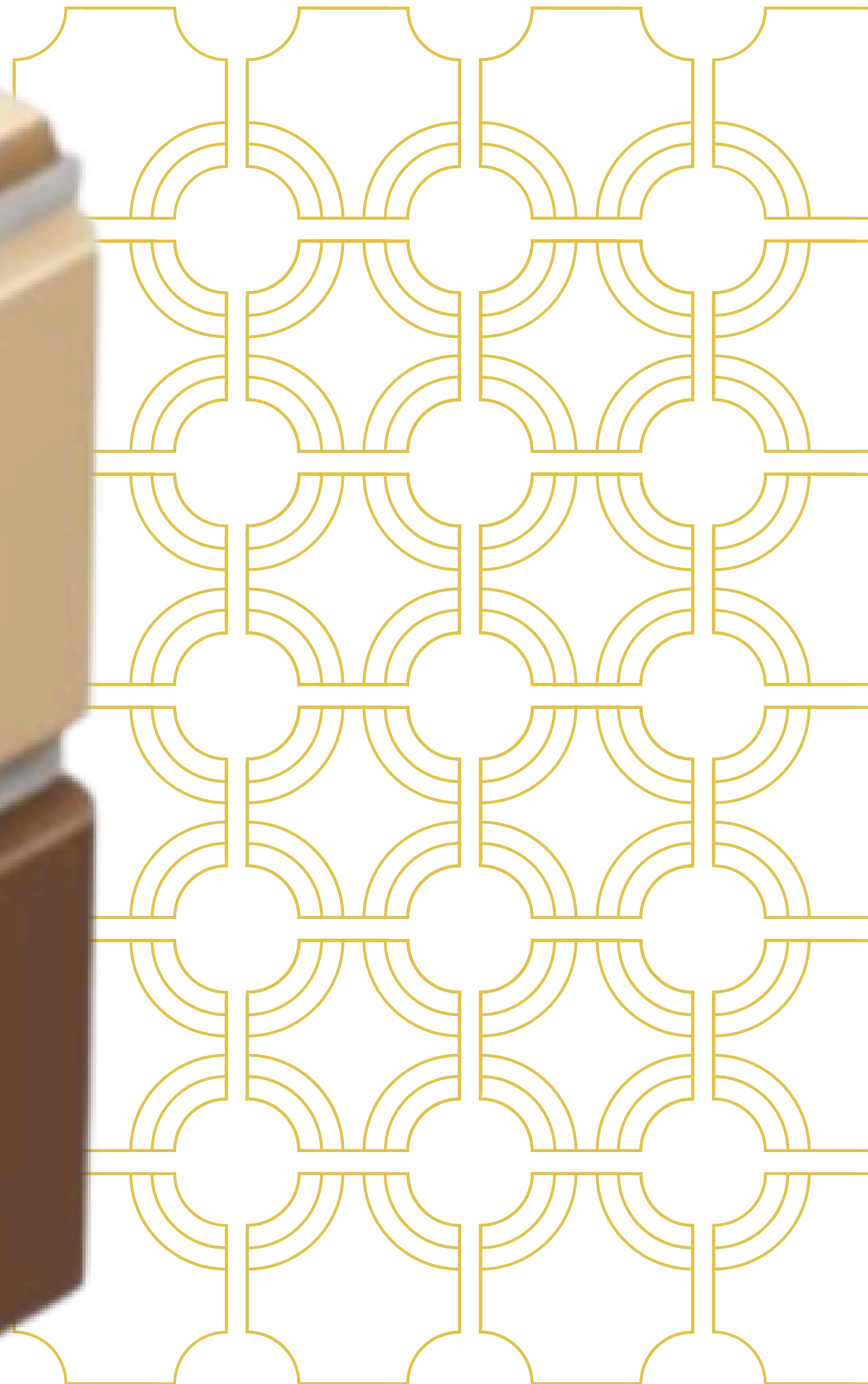




**FABRO Gold**

THE GOLDEN STANDERD  
OF TILING



**TECHNICAL  
DATA SHEET**

(TDS) EPOXY GROUT

# EPOXY GROUT




TWO COMPONENT,  
WATERPROOF FABRO GOLD  
EPOXY TILE JOINT FILLER



**PACKAGING**  
**1 KG, 5 KG PACKS**

**THE GOLDEN STANDERD  
OF TILING**



-  For Internal Floor & Wall, Swimming Pool
-  Crack-free
-  Stain-free & Chemical Resistant.
-  Waterproof
-  Available in different Colours
-  Low VOC

## DESCRIPTION

Fabro Gold Epoxy is a stainless, chemical resistant, hard wearing & impervious epoxy based tile joint filler which has high degree of resistance to abrasion, impact & shocks. It is designed for grouting gap between glazed, ceramic, porcelain, vitrified & fully vitrified tiles, natural stones & Glass mosaics. Fabro gold Epoxy can also be used as a high-performance epoxy adhesive for fixing tiles & stone.

## AREA OF USE :

Surface to be grouted	Area of application
All types of ceramic tile, glazed tiles, porcelain tiles, vitrified & fully vitrified tiles, natural stones*, large format tiles, glass mosaic tiles, composites & engineered stone.	Floor & walls of internal & external area*, dry as well as wet area, water submerged area, food, pharma & hygiene required areas, area containing aggressive chemicals*, heavy traffic/ movement areas, domestic applications, commercial applications, wider tile joints

Note:- fabro gold epoxy grout can not be used for area exposed to UV rays/sun light

## FEATURES AND ADVANTAGES

- Stainless - Will not be stained by most foods, beverages and cleaning agents
- Easy Maintenance - Smooth texture, easier to clean.
- Provides excellent chemical resistant to many acids, alkalies and corrosives.
- Provides hygienic, hard wearing and abrasion resistant surface.
- WaterpFabro gold property
- Durable - Will not peel, crack or powdering
- Excellent mechanical property & highly resistant to heavy traffic.
- Easy to Use - No noxious odor, nonflammable, water cleanable, easy to clean.
- Stable and uniform coloring for all types of tiles.

## LIMITATIONS

- For highly absorbent natural stones/ marbles which may form a wet or colored patch when tile grout is applied, do sample test to check for possible staining. It is recommended to use suitable Impregnating sealer on all sides & mask the tiles before grouting.
- In case of the resin absorption, the dark stains may form on the sides and on the surface of the slabs and they can't be removed. This problem is usual for marbles/ stone of light colors.
- Do not use for area exposed to sunlight/UV rays.

**Note :** (1) Do not use showers for at least 2 weeks following completion of grouting.  
 (2) Do not fill pool at least 3 weeks following completion of grouting.

## AREAS OF APPLICATION

- Walls and Floors
- Interior
- Dry areas
- Showers
- Swimming Pools
- Heavily Trafficked Floors
- Hygienic Sterile Areas
- Kitchens and Cafeterias

## Properties tested to EN 13888: 2009

Property with Test method	Min. Requirements	Typical Result
Abrasion Resistance (EN 12808-2)	≤ 250 mm	245 mm
Flexural Strength (EN 12808-3)	≥ 30 N/mm	30.5 N/mm
Compressive Strength (EN 12808-3)	≥ 45 N/mm	51.0 N/mm
Shrinkage (24 h.) (EN 12808-4)	≤ 1.5 mm/m	0.68 mm/m
Water Absorption (After 240 mins) (EN 12808-5)	≤ 0.1 g	0.06 g



## PHYSICAL PROPERTIES

### EPOXY GROUT

@ 27± 1°C

Mixed Density	approx. 1.75 g/cc
Joint Width	2 - 7 mm
Pot Life	60 minutes
Foot traffic	24 hours
Full cure	7 Days
Temperature	Prolonged -30°C to 40°C
Resistance	Intermittent upto 45°C
Bond strength	>1.4 N/mm <sup>2</sup> @ 7days
Tensile Adhesion 14 Days air	4.2 kN
Shore D Hardness	> 70
VOC Content	48.5 g/l

## CHEMICAL RESISTANCE

### PROLONGED CONTACT

FABRO GOLD is a high-performance, chemically resistant product designed to withstand exposure to a wide range of chemicals commonly found in residential, commercial, and industrial environments. It shows excellent resistance to acids, alkalis, salts, solvents, oils, fuels, and organic substances, making it suitable for demanding applications.

FABRO GOLD is resistant to chemicals such as Aluminum Bromide, Aluminum Fluoride, Baking Soda, Barium Hydroxide, Boric Acid, n-Butanol, Calcium Chloride, Carbonates, Chlorides, Chlorinated Paraffin, Citric Acid, Diesel, Dilute Detergents, Ethanol, Ethylene Glycol, Ferric Chloride, Kerosene, Potassium Hydroxide, Sodium Carbonate, Sodium Chloride, Sulphates, Silicates, Water, White Spirit, and various vegetable oils, fats, lubricating oils, milk, sugar solutions, and alcohols.

This high level of chemical resistance ensures long-term durability, surface protection, and performance stability even under harsh service conditions.

### Maximum Contact Time: Up to 24 Hours

**FABRO GOLD shows resistance to the following chemicals under controlled exposure conditions for a maximum period of 24 hours:**

- Acetic Acid (5%)
- Ammonium Bromide (5%)
- Household Ammonia
- Diluted Hydrochloric Acid
- Lactic Acid (3%)
- Methanol
- Phosphoric Acid (10%)
- Sodium Hydroxide

**FABRO GOLD is resistant to short-term splash contact with the following chemicals. Continuous or prolonged exposure is not recommended: Acetic Acid (10%)**

Acetone / Acetyl Bromide / Benzene / Carbon Disulphide / Carbon Tetrachloride / Chloroform / Chromic Acid / Ethyl Alcohol / Formic Acid / Lime Juice / Nitric Acid (10%) / Phenol / Sulphuric Acid (20%) / Methylene Chloride / Methylene Formamide

Values taken at +27 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site

### SUBSTRATE PREPARATION

- Ensure 24 hours time interval for grouting after tile fixing.
- The joints must be dry, clean, free of dust.
- Emptied at least 3/4 of the tile thickness depth.
- Before grouting, make sure that the installation the adhesive has set and released most of its moisture. The joints should not be wet during work.
- Put masking tape by side of grouting space or sealer if necessary.

### MIXING

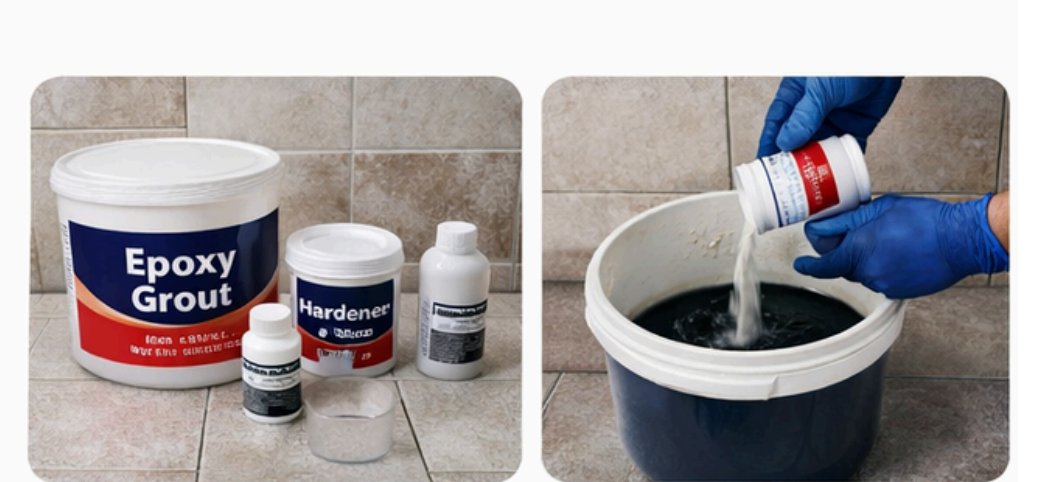
- Shake the bottle of Hardener and stir the Base prior to mixing.
- Pour Part A (Base) & Part B (Hardener) into a clean mixing pail.
- Mix thoroughly by hand or with a slow speed mixer ( <300 RPM ) until liquids are completely blended.
- Avoid entraining air by mixing at very high speed or by over-mixing.
- Use the paste within 45 - 60 minutes from mixing.

## APPLICATION

- Using a hard rubber squeeze/ grout floater, press the grout firmly into the joints.
- Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.
- Work in small areas to have better control on removing the excess grout from joints and surface by moving the squeeze diagonally to the grout lines.
- Ensure that joint is filled completely, and grout is not just sitting on top.

## CLEANING & FINISHING

- Clean off the surplus grout from tile joints and tiles within 30-45 minutes/ before the product dries.
- Initially use a rough textured sponge dampened with water to remove the grout residue.
- Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint & taking care not to drag grout from the joints.
- Clean off any light residue of tile grout left on the tile surface using an alkaline detergent/ fabro gold tile cleaner without disturbing the joint finish.
- Tools and containers should be cleaned using clean water when the grout is still fresh.



epoxy grout kit with resin and hardener containers placed on a clean tiled surface

Pouring resin and hardener into a mixing bucket.



Mixing the epoxy grout thoroughly using a spatula until a smooth, uniform paste is formed.



Close-up view of ready-to-use epoxy grout with smooth consistency.



Applying epoxy grout into tile joints using a rubber grout float at a diagonal angle.



Removing excess grout from tile surface with a damp sponge.



Final cleaning and wiping of tiles for a neat finish.



Finished tiled surface with clean, filled joints and glossy professional look.

## GROUTING

Grouting should be carried out atleast after 72 hours of tiling. Use the appropriate grouting material from Fabro gold range of cementitious and epoxy grouts.

## **SHELF LIFE**

18 months for sealed pack when stored under cover, out of direct sunlight,dampness condition and protect from extremes of temperature ( store between +15°C to +40°C temperature).

## **SAFETY PRECAUTIONS**

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact With skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

For more details please refer the relevant Material Safety