



High Tech Epoxy FPO

High Tech Epoxy FPO is a high-performance, two-component epoxy tile grout formulated with epoxy resin, premium pigments, and a durable curing agent. It offers exceptional resistance to stains, chemicals, and weather, ensuring long-lasting performance with a sleek, ceramic-like finish. Ideal for environments demanding hygiene and durability.

ADVANTAGES

- ✓ Excellent chemical and water resistance
- ✓ Anti-fungal and anti-mildew properties
- ✓ Seamless, non-porous, and stain-resistant finish
- ✓ High mechanical strength and abrasion resistance
- ✓ Color-stable, available in various shades
- ✓ Easy cartridge application with pre-measured mixing
- ✓ Suitable for both residential and industrial use

WHERE TO USE

Suitable for interior and exterior applications in both residential, commercial and Industrial Settings:

- ✓ Kitchens
- ✓ Bathrooms & Wet Areas
- ✓ Swimming Pools
- ✓ Hospitals & Laboratories
- ✓ Commercial Buildings & Malls
- ✓ Industrial Flooring
- ✓ Cabinet and Furniture Gaps (up to 10mm)

TECHNICAL INFORMATION

Property	Description
Color	Different Colors Available
Fungal Resistance	Anti-fungal, Anti-mildew
Weather Tolerance	-30°C to +50°C
Tensile Strength	> 5 MPa
Hardness	High surface hardness
Chemical Resistance	Excellent resistance to most household and industrial chemicals
Environmental Safety	Free from formaldehyde, toluene, heavy metals. Low VOC

*Typical results under laboratory conditions



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SURFACE PREPARATION

Before application, ensure all tile joints are clean, dry, and free from dust, oil, grease, loose particles, or any contaminants that could hinder adhesion. If necessary, clean joints using appropriate cleaning agents and let them dry completely. Existing grout must be removed thoroughly. Substrate temperature must be between 5°C and 35°C. Proper surface preparation is essential to achieve optimal bonding and performance.

APPLICATION

Insert the cartridge into a compatible dual-component epoxy gun and attach the mixing nozzle. Dispense and discard the initial 20 cm to ensure thorough mixing. Apply the grout evenly along the tile joints, then smooth and compact the material using a rubber float or an appropriate tool. Once the grout has fully cured, gently remove any excess material from the tile surfaces for a clean, professional finish.

COVERAGE

Tile Size	Joint Width	Coverage per Cartridge (400ml)
60×60 cm	2 mm	10–12 sq. meters
60×60 cm	3 mm	6–7 sq. meters
60×120 cm	2 mm	16–18 sq. meters
60×120 cm	3 mm	9–10 sq. meters

*Figures are theoretical values only. Allowance for wastage should be considered.

PACKAGING

- Each box includes:**
- 400 ml twin cartridge
 - 1 mixing nozzle

SHELF LIFE

Shelf Life: 12 to 18 months from manufacturing date.
Storage Conditions: Store in original, sealed packaging in a dry place away from sunlight and moisture.





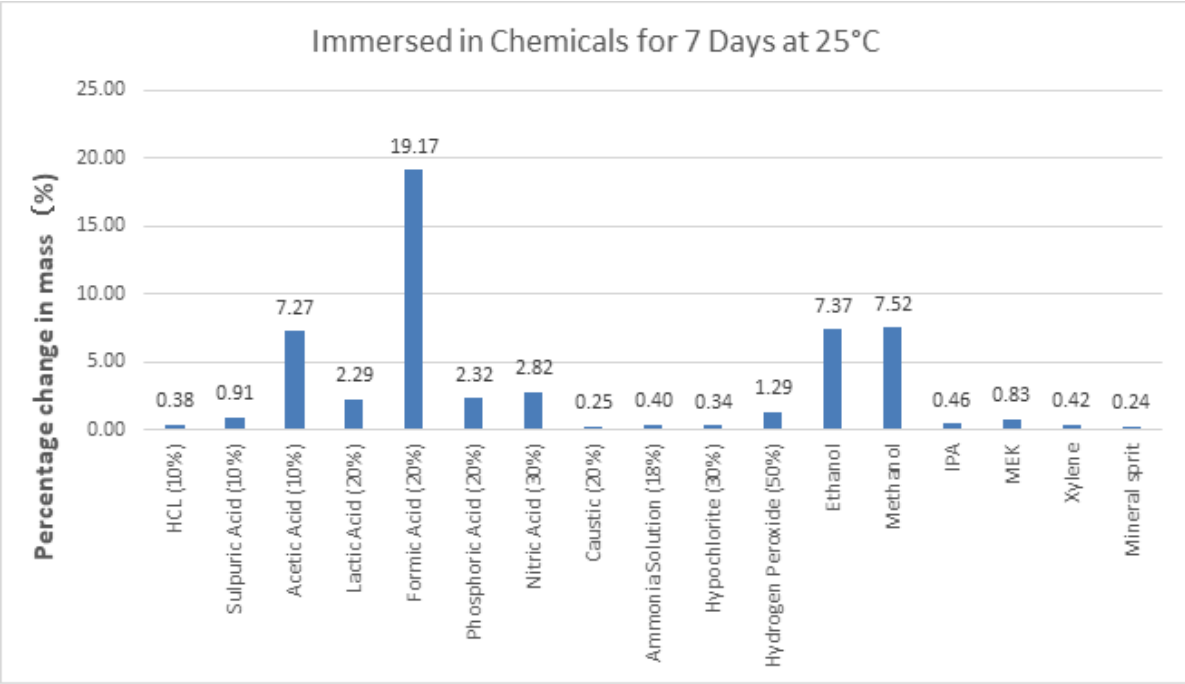
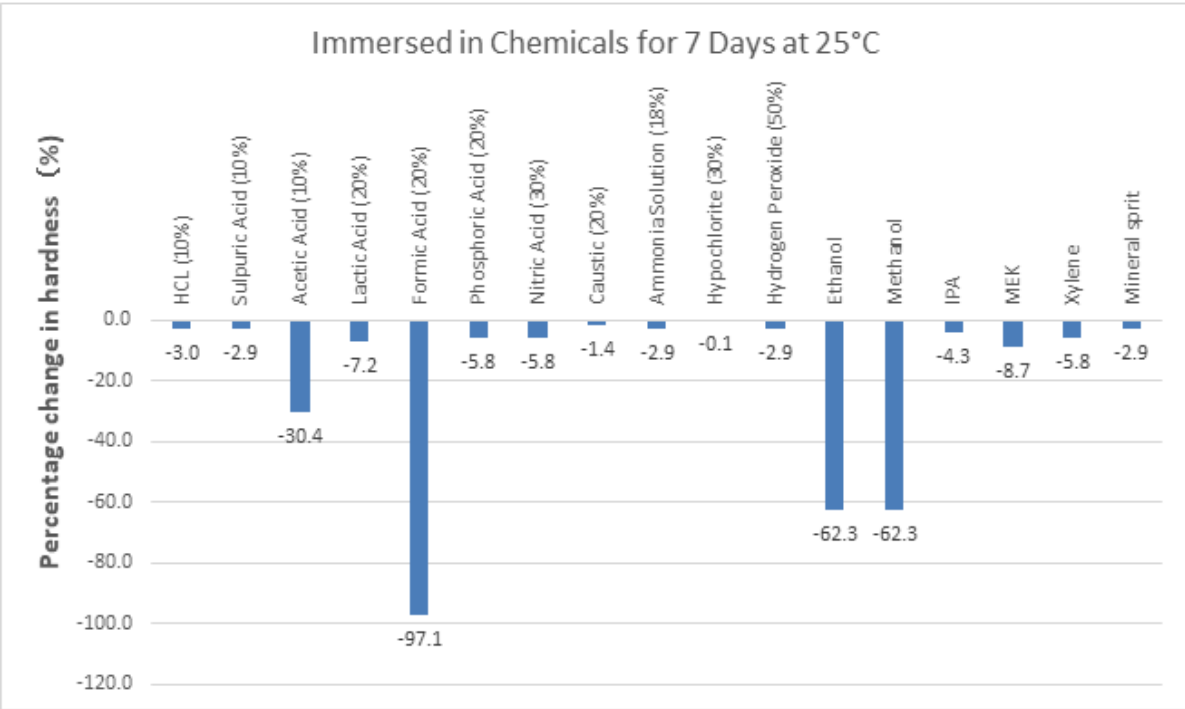
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CHEMICAL RESISTANCE CHART





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NOTE:

If printed box not available, neutral box with label. Lot number and manufacturing date to be stamped at the back of each box.

HEALTH AND SAFETY

High Tech Epoxy FPO is regarded as non-hazardous for transportation. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. Avoid eye contact and keep out of children's reach. Replace idle nozzle after 15 minutes. Reseal unused material properly. Refer to the product MSDS for complete safety guidelines.



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