

EPO FLOOR TERRAZZO

Decorative, Solvent free, Epoxy Terrazzo Floor Screed



DESCRIPTION

EPO FLOOR TERRAZZO is a solvent-free three component epoxy terrazzo floor screed, combining epoxy resin with glass (clear/colored), graded aggregates (marble/granite) to provide a durable and highly decorative flooring system. Also, can be combined in with mirror pieces, mother of pearl & plastic chips to produce custom made design options.

ADVANTAGES

- Seamless
- Unlimited designs
- Waterproof
- Easy to clean
- Exceptional abrasion resistance
- Very low life cycle costs
- Durable
- Decorative
- Excellent Compressive & flexural strengths
- No shrinkage
- Repairable
- Low maintenance

AREAS OF USE

EPO FLOOR TERRAZZO flooring system can be used in heavy traffic commercial and institutional areas such as:

- Universities Halls
- Restaurants
- Cafes
- Showrooms
- Government Buildings
- Airport Terminals
- Hotel Receptions
- Hospitals

PRODUCT DATA

Form	3 component (Base, hardener & inert filler)
Colour	Different colors
Packing	31 Kg (Part A+ Part B+ Part C)
Coverage	23 Kg/M ² /10mm thickness
Shelf life	12 months in the unopened, original package as stored in dry and cool environment.

TECHNICAL SPECIFICATION

Test Name	Standard	Average Result
Density	ASTM D 1475	2.10 ± 0.1 g/cm ³
Tensile Strength (7 days)	BS 6319 Part-7	> 10 N/mm ²
Adhesion to concrete	ASTM C 882	Greater than the cohesive strength of concrete
Compressive Strength (7 days)	BS 6319 Part-2	> 65 N/mm ²
Flexural Strength (7 days)	BS 6319 Part-3	> 12 N/mm ²
Abrasion Resistance	ASTM D 4060	0.15g /1000 revolution
Shore D hardness	ASTM D 2240	80
Water Absorption	ASTM C413	0.05%



APPLICATION PROCEDURE

EPO FLOOR TERRAZZO should be applied by specialist contractors who must follow the procedures laid down in the Product datasheet. **EPO GULF SPECIALITIES** works with a network of such applicators that have been trained in the correct installation procedures.

SURFACE PREPARATION

It is essential that **EPO FLOOR TERRAZZO** is applied to sound; clean and dry surfaces in order to achieve maximum bond strength between the substrate and the flooring system. All dust and debris should be removed prior to application of the product.

EPO GULF SPECIALITIES CO.

Kuwait, Amghara Industrial area
Block 4 Building 95 – 97 – 99
P.O box 12017 – Tel: +965 22272590
info@epogulf.com

WWW.EPOGULF.COM



EPO YAPI KIMYA CO.

Cement – Concrete Technology
Turkey, Istanbul, Tuzla, Orhanli
Tel: +90 2165932294
info@epo.com.tr

EPO FLOOR TERRAZZO

Ver:02/20

EPO FLOOR TERRAZZO

Decorative, Solvent free, Epoxy Terrazzo Floor Screed



New concrete floors:

New concrete, or cementitious substrates, should be at least 28 days old and have a moisture content not exceeding 5%. Laitance deposits on new concrete are best removed by light grit blasting, mechanical scabbling or grinding.

Old concrete floors:

Existing concrete floors which require refurbishment must be prepared to ensure a strong adhesive bond between the flooring system and the existing floor. Mechanical cleaning methods are strongly recommended particularly where heavy contamination by oil or grease has occurred or existing coatings are present. To ensure adhesion, all contamination should be removed. Proprietary chemical degreaser may be used on small areas of light contamination only.

MIXING

EPO FLOOR TERRAZZO is supplied in three pre-weighed packs (Base, hardener & inert filler) which are ready for immediate on-site use. Part mixing of these components is not acceptable and will affect both performance and appearance of the finished floor, and would further more automatically invalidate **EPO GULF** product guarantee.

Mix base and hardener component together in the mixing vessel at least for 30 - 60 seconds, using either a forced action mixer; or a suitable heavy duty drill machine fitted with paddle. Thereafter, add the Part C slowly and mix until all the filler is coated with resin.

APPLICATION

EPO FLOOR TERRAZZO should be pour to the prepared substrate and spread with a trowel. Once mixed, the material must be used within its specified pot life. The curing time of the material is influenced by the ambient material and substrate temperature. Allow the applied terrazzo to cure for 18 hours at 20°C before initiating the grinding operation.

CLEANING

Tools and equipment should be cleaned in **EPO SOLVENT** immediately after use. Spillages should be absorbed with sand or saw dust and disposed of absorbed in accordance with local regulations.

HEALTH AND SAFETY

EPO FLOOR TERRAZZO Base and Hardener and **EPO SOLVENT** should not come into contact with skin or eyes or be swallowed. Avoid prolonged inhalation of vapors. Some people are sensitive to epoxy resins, hardeners and solvents. Gloves, goggles and barrier cream should therefore be used. Ensure adequate ventilation and if working in enclosed areas, suitable breathing apparatus is recommended.

If mixed resin comes in contact with skin it must be removed before it hardens with a resin removing cream followed by washing with soap and water. **DO NOT USE SOLVENT**. Contamination of skin with any of the above products should be removed immediately with soap and water. Should accidental eye contamination occur with any of the above products, wash well with plenty of clean water and seek medical advice. If swallowed, seek medical advice immediately **DO NOT INDUCES VOMITING**.

EPO FLOOR TERRAZZO

Ver 02/20

EPO GULF SPECIALITIES CO.

Kuwait, Amghara Industrial area
Block 4 Building 95 – 97 – 99
P.O box 12017 – Tel: +965 22272590
info@epogulf.com

WWW.EPOGULF.COM



EPO YAPI KIMYA CO.

Cement – Concrete Technology
Turkey, Istanbul, Tuzla, Orhanli
Tel: +90 2165932294
info@epo.com.tr