

Product Data Sheet

GR – Epoxy Terrazzo

Decorative epoxy-based terrazzo flooring system

DESCRIPTION

Highly decorative terrazzo system that combines pigmented 100% solids epoxy resin with aggregates such as broken marble, stone, or glass, to which a colorable filler is added, such as marble powder. Applied on 2 – 3 cm thickness and ground polished to form a beautiful matrix of epoxy and aggregates.

TECHNICAL DATA

Test	Method	Result
Adhesion to Concrete	ASTM D7234	300-400+ psi
Compressive Strength	ASTM C579	10,000 psi
Flexural Strength	ASTM C580	3,500 psi
Tensile Strength	ASTM C307	2,500 - 2,600 psi
Impact Resistance	ASTM D2794-93	Withstands 1.75 kg-m with no cracks or any other surface damage
Wheel, 1000 cycles	35 mg	
Water Absorption	ASTM D570	0.010%

WORKING PROPERTIES

Thickness	10 - 20 mm
Working time	45 – min
Foot traffic	20 hours

GRINDING & POLISHING

- Smooth the surface with a terrazzo epoxy floor grinder machine to exposure the aggregate and reach the desired finish.
- Apply gr top finish to protect the surface.

Packing

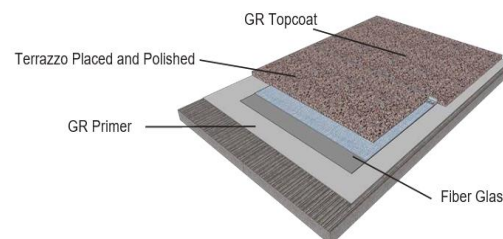
- 18 kg kit (12 A + 6 B)
- 3 kg kit (2 A + 1 B)

ADVANTAGES

- High chemical resistance
- Low VOC-content
- Solvent free
- Good mechanical and abrasion resistance
- Anti-slip
- Seamless, sanitary, resists bacterial and fungal growth.

APPLICATION

- Commercial applications
- Hospitals and other healthcare facilities
- Arenas/Stadiums/Coliseums
- Lobbies and corridors
- Airports
- Government facilities
- Libraries
- Schools and universities
- Residentials



SURFACE PREPARATION

- The surface must be free of dirt and oil.
- Surface moisture less than 5%
- Modified cracks with GR putty.
- Apply primer layer from GR Primer

APPLICATION METHOD

- Add color to part A as per design
- Mix the epoxy material with a ratio of 2 A: 1 B.
- Add powder to mixture
- Add aggregates to the mixture and mix for 3 – 5 mins until homogeneous.
- Grind the surface after at least 24 hours.
- Polish surface to reach required finish.