

Product Data Sheet

GR - Cement Terrazzo



Decorative Cement – Based Terrazzo System

DESCRIPTION

GR Cement Terrazzo is a powder component cement based modified with special additives mixed with natural or synthetic aggregates, colored glass and marble to form countless shapes of interior and exterior decorative floors and table tops.

APPLICATION

Cafes, restaurants, receptions, airport terminals, showrooms, public and government buildings.

TECHNICAL DATA

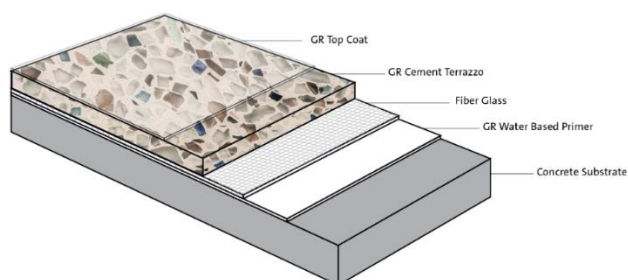
Performance properties

Test	Test method	Result
Flexural strength (28 days)	ASTM C 348	>9 N/mm ²
compressive strength (at 28 days)	ASTM C 109	>40 N/mm ²
Pull of strength (28 days)	-	>2.2 N/mm ²
Shrinkage (28 days)	ASTM C 531	≤0.01%

Working properties

Thickness	15 – 30 mm
Working time	35-45 min
Foot traffic	24 heures
Coverage	10 kg base :10 kg aggregate / 1 m ² by 1 cm thickness
Mixing ratio	25 kg powder : 25 kg aggregate : 6 to 6.5 L water

CROSS SECTION OF GR CEMENT TERRAZZO CONSTRUCTION SYSTEM:



ADVANTAGES

- Sturdy
- High design potential
- Low Shrinkage
- Highly Versatile
- Repairable
- High impact resistance
- Low maintenance
- Easy to clean
- Low life cycle
- Cost Sustainable
- Low VOC

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
- water based.

APPLICATION METHOD

- Mix powder with clean water.
- Add aggregate to mixture
- Mixing to 2-3 minutes with a mechanical mixer by medium speed.
- Apply the mix directly on a damped substrate on average thickness of 15 – 30 mm
- Carefully level and smooth
- the surface by Fresno steel trowel
- Leave it to cure for minimum of 7 days.

GRINDING & POLISHING

Smooth the surface by terrazzo concrete floor grinder machine to exposure the aggregate and reach the desired finish.

HEALTH AND SAFETY

As with all chemical products, be careful during application and storage, to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product has fully cured or dried). Treat splashes to eyes and skin

STORAGE & SHELF LIFE

- Shelf life 12 months from the date of packing at a temperature of 25°
- Store in tightly closed containers in a dry and moderately well-ventilated place