

## CEMENT & EPOXY TERRAZZO

### DESCRIPTION

#### Epoxy Terrazzo

Seamless, sleek and expressive, epoxy terrazzo brings out the depth of rich colour. Glass, stone or mirror inserts can be used for visual impact. Not just beauty, we offer exceptional durability- resisting water, chemicals, stains and wear with ease. Its flexibility and crack resistance suit large joint free spans in spaces like hospitals, malls and airports.

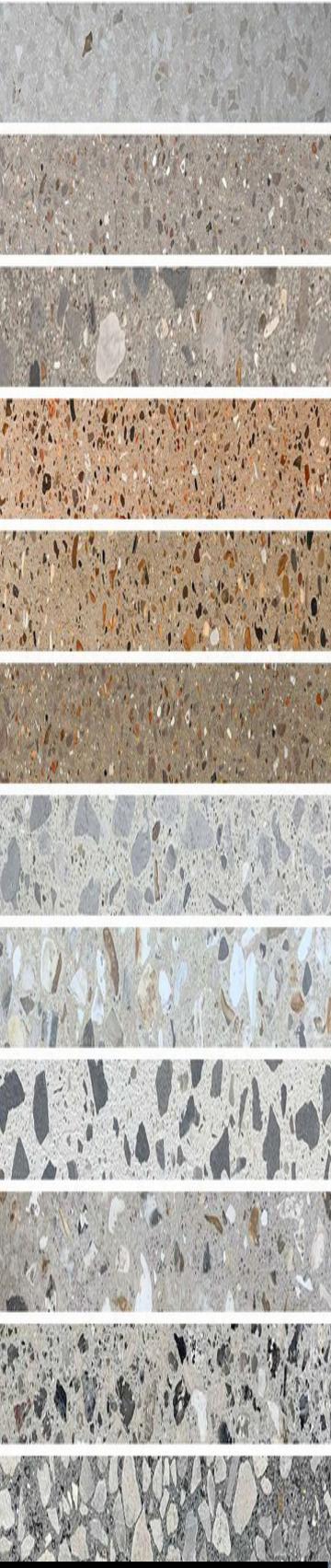
It is the preferred choice for luxury interiors and high traffic areas.

### SURFACE PREPARATION

1. Substrate (Tiles, Marbles, Concrete etc) should remain stable and be provided with any expansion, contraction and crack inducement joints necessary as any cracking, unevenness and faults in the substrate may be reflected through surface treatment.
2. Ensure surface is level, sound & crack free ,no dust, laitance, dirt, oils and or loose materials
3. The existing joints must be mirrored through to the new surface. Badly damaged substrates/concrete or cracks need to be repaired prior to self leveling overlay being applied. Repair mortars and epoxies are used for such repairs.
4. Priming the substrate is often necessary to ensure proper adhesion of the cement or epoxy terrazzo
5. Moisture can affect the performance of the overlay, so proper moisture testing and mitigation may be necessary.

### TEMPERATURE/CURE

1. Air and substrate surface temperatures shall remain between 50°F (10°C) and 90°F (32°C) during and within 48 hours of placement.
2. Avoid high heat and / or windy conditions. Attempt to minimize application during such harsh conditions by working during cooler hours. Keep materials shaded prior to mixing.



## PACKAGING

(25 or 56 kg bag)

## MIXING RATIO

(3— 4 liter) water to (25 kg) bag , epoxy mix for epoxy.

## COVERAGE

Depends upon application and substrate.

## MAX AGGREGATE COMPRESSIVE STRENGTH

Epoxy Terrazzo = 2-8mm or 70 N/mm<sup>2</sup>

Cement Terrazzo = 2-10mm or 30 N/mm<sup>2</sup>

## BOND STRENGTH BOTH

good bond strength with (i.e. ceramic, plaster, cementitious screeds, Marble, Granite, concrete etc).

## Flexure Strength Water Absorption Wet Density

Epoxy >30 N/mm<sup>2</sup> <0.2% ~2000 kg/m<sup>3</sup>

Cement >6.5 N/mm<sup>2</sup> ~2.4 kg/mm/m<sup>2</sup> ~2350 kg/m<sup>3</sup>

## SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened bag is (6) months from the date of purchase. Storage must be under roof and off the floor. Rotate inventory to maintain product that is within limits.

## SUITABILITY SAMPLE

Due to condition specific sites, always prepare an adequate number of test areas.

## CLEAN-UP

Before Material dries; spills and tools can be cleaned up with water.

## LIMITATIONS

For use by trained professionals.

## WARRANTY

Warranty 10 years from the date of project execution subject to certain clause: A) Material to be applied as per company guidelines. B) Usage of any other substrate/ material that doesn't complement with company material resulting in reaction, the warranty stands void. C) If there's any fault including leakage in the base where material is applied, the warranty stands void.

## APPLICATION

**Surface Preparation :** Applying bonding primer before material application if required

**Step 1:** Preparation: Agregate / mix the liquid polymer 3 minutes before use. Pour half the contents of the polymer into another clean bucket. Once mixed, slowly add the SELF LEVELING material and mix thoroughly to ensure there are no lumps or dry spots.

**Step 2:** Application of terrazzo material mix: after mixing pour the material on substrate is guage rake or notch trowel for leveling. use spike roller for finishing.

**Step 3:** Curing : moist cure the surface after next 2 or 3 days for 3 to 4 days for polishing strength development.

Step 4: Apply densifier with spray and mob. leave for min 4 to 8 hours.

**Step 4:** polishing process : use diamond polishing pad for polishing from 60, 100, 200, 400, 800, 1500, 3000 numbers. Slightly varies case ro case of finishes

**Step 5:** Buffing process : Apply 1<sup>st</sup> coat acrylic sealer with given ration. leave for 8 to 12 hours. apply 2 nd coat of acrylic sealer leave for 8 to 12 hours. start buffing with buffing pads for smooth

## Safety

D) Mixture of any other material apart from company **KEEP OUT OF REACH OF CHILDREN.**

**Inhalation:** Avoid prolonged breathing of airborne dust, particularly present during mixing. Use approved respirator for nuisance if threshold limit values are unsafe. Skin Contact: