

# CIKOpoxy Terrazzo

## Seamless epoxy terrazzo flooring

### Description

CIKOpoxy Terrazzo is a multi-component modified epoxy based terrazzo floor topping system for decorative floor finish. It provides excellent adhesion to substrate such as concrete, wood, steel and other substrates. The system consists of primer, screed and top coat.

CIKOpoxy Terrazzo is decorative flooring on multi polymer technology, combining the advantage of decorative granite chips.

### Properties

- Multi component modified epoxy based system.
- Seamless decorative floor finish.
- Provides wear and abrasion resistance.
- Easy to clean and maintain hygienic floor.
- Highly decorative.
- Durable.
- Solvent free low odour.

### Application Area

CIKOpoxy Terrazzo is suitable to use both in commercial and residential segments such as,

- Shopping malls and Hotels.
- Offices.
- Restaurants and cafeterias.
- Multiplexes and auditoriums.
- Pharmaceutical industries.
- Food processing industries.
- Airports terminals.
- Metro stations.
- Showrooms.
- Utility services elements in commercial buildings.
- Corridor and Walkways.

### Physical Properties

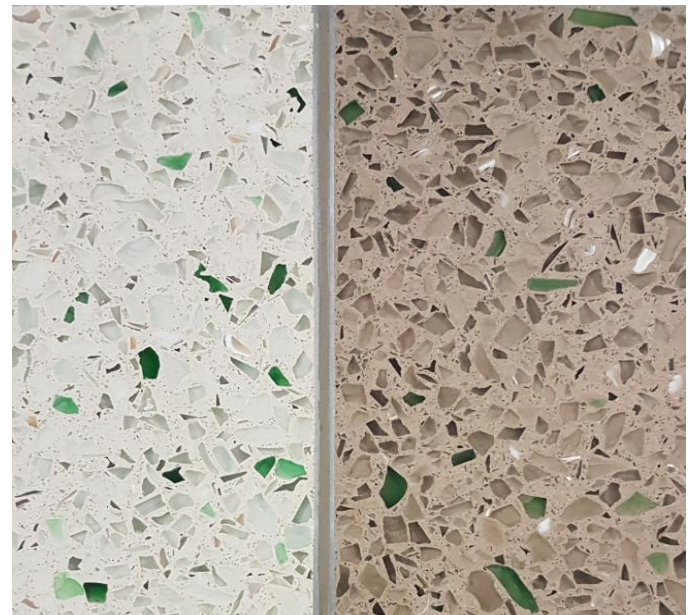
Form	Multi component system
Mixing ratio	Pre packed
Colour	Wide range
Pot life	30 to 40 minutes
Surface dry	4 – 6 hours
Hard dry	24 hours
Finish	Semi-Gloss
Compressive Strength	≥60 N/mm <sup>2</sup>
Flexural Strength	≥10 N/m <sup>2</sup>

### Coverage

Consumption of CIKOpoxy Terrazzo system per square meter at 6mm thickness will be as follows.

CIKOpoxy Prim11	0.15 litre per m <sup>2</sup>
Terrazzo Screed	11.5 kg per m <sup>2</sup> [depending on the aggregate types]

In general the coverage depends on the floor finish. Consult our Technical Service department for further guidance.



## Application Instructions

### Surface Preparation

The concrete surface should be free from dust and loose particles. All contamination should be treated well before application of CIKOpoxy Terrazzo.

#### New concrete floor:

The new concrete floor should complete the process of curing as per the standards. The surface should be prepared using mechanical scrubber to remove loose and un-bonded particles.

#### Old concrete floor:

All contamination such as oil / chemical spillage or pot holes should be treated. The surface should be prepared using mechanical scrubber to remove loose and un-bonded particles.

### Application of primer

The base [Part-A] and hardener [Part-B] components of CIKOpoxy Prim11 should be mixed thoroughly using a heavy duty slow speed drill fitted with spiral paddle for three to five minutes and ensure a homogenous mix is achieved. Application should be carried out at the coverage of 6.5 m<sup>2</sup> per litre. Finally allow the coated area to dry for a period of 5 to 6 hours before screed topping is applied.

### Application of Terrazzo screed

The base [Part-A] and hardener [Part-B] components of Terrazzo Screed should be mixed thoroughly using a heavy duty slow speed drill fitted with spiral paddle for two minutes and ensure a homogenous mix. Add the decorative granite chips into the mix to the required application consistency and mixing should continue for further few minutes until a homogenous mix is obtained.

Properly mixed materials should be spread over the dried-primed surface using steel trowel maintaining the required thickness with compaction.

## Packaging

CIKOpoxy Terrazzo is available as 5 & 10 kg kit.

## Shelf Life

CIKOpoxy Terrazzo has a shelf life of 12 months, if stored in accordance with CIKO instructions.

## Storage

CIKOpoxy Terrazzo should be stored under enclosed shaded area at temperatures between 5 – 40°C.

## Precautions

CIKOpoxy Terrazzo should not be applied at temperatures below 10°C.

## Health & Safety

CIKOpoxy Terrazzo should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear suitable clothes, gloves and goggles. Use of barrier creams recommended providing additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

## Technical Support

For further technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

## More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries