

# PC Decofloor Terrazzo



Decorative polyacrylate cementitious terrazzo floor topping

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## Product Overview

PC Decofloor Terrazzo is a high performance polyacrylate cement based floor topping which not only meets the architectural and aesthetic needs but also has durability. It is packaged in various colours, with various sized granules to meet the ambience and customer needs. Further it has to be ground, densified and polished for the granulated terrazzo look and easy maintenance

## Areas of applications

1. Leveling interior concrete substrates
2. Decorative/polished wearing surfaces
3. Retail/commercial flooring substrates.
4. Office receptions, ball rooms, social meeting rooms, hotel lobbies and all such places where floor aesthetic looks are of prime importance for the clients and architects.

## Properties

1. It is compatible with liquid floor densifiers and Sealers.
2. It has high early strength for fast setting time.
3. It has good mechanical strength and durability.
4. It is a single-component resurfacing compound, hence easy to use.

## Guidelines for Usage

1. **Surface Preparation:** Remove all grease, oil,

dirt, laitance and foreign particles that could hamper proper adhesion. Laitance, moulds and contaminants could be removed by mechanical means such as high speed water jet, grit blast or wire brush. Spalled concrete should be cut or chipped off and instead filled with PC Decofloor Terrazzo after treating with suitable primer. If sealers, paint, polymer coatings or curing compounds are present on concrete substrate, remove them with mechanical shot blasting equipment. The visible reinforced steel bars should be primed twice using suitable primers. The substrate must be primed using suitable acrylic primer prior to the application of PC Decofloor Terrazzo.

2. **Area division and colour coding:** After the surface preparation has been done, the divider strips made of brass or aluminium of height ½ inch should be installed along the boundary line with reference to the design provided by the architects and colour consultants. After that, numbering should be done in the format of C-N (C- represents the colour to be filled, N- the serial number of the bounded region) according to the design and the colour to be filled in the particular area bounded by the strips. Depending upon the area of each bounded region, the quantity of PC Decofloor Terrazzo required for laying has to be calculated, followed by the mixing and pouring of the material. It is to be noted that at once only one single colour of terrazzo material has to be mixed, poured, and levelled in the respective bounded region as

indicated in the design.

**2. Mixing:** Mix a single bag of PC Decofloor Terrazzo in a clean container with water in the ratio of 1:5 to 1:6 (water:powder) (depending upon the surrounding temperature, humidity and colour of terrazzo being mixed), until a uniform lump free paste consistency is formed. Mix the entire contents using a slow speed mixing paddle for about 5 mins. It is advised to consult an Mcrete Technical representative prior mixing.

**3. Application:** Make sure that the primer has dried up prior to the application (no standing water/ponding). During application pour the entire mixed contents onto the surface and spread the material using gauge rake at a thickness of 12 mm. Smoothen the surface as desired. Cure the Terrazzo floors for 3 consecutive days. After the PC Decofloor Terrazzo surface is cured, the surface has to be ground and polished initially in an evenly manner till the added aggregates are visible to the surface. These coloured aggregates actually define the terrazzo look. Then it can be chemically hardened using Mcrete® floor densifiers for performance and can be given a shiny look by polishing using Mcrete® PC Floor Guard.

## Dosage and measures

PC Decofloor Terrazzo comes in a pre weighed packings. It is ready to mix and apply. Mix a 20 kg bag of PC Decofloor Terrazzo with 3 - 4 ltr of water. Please contact a Mcrete® technical representative for further advice.

## Packings available

PC Decofloor Terrazzo is available in 20 kg bags.

## Colours available

PC Decofloor terrazzo is available in all basic colours. Other shades will be available upon request from the client, architects and colour consultants.

## Coverage

A bag of PC Decofloor Terrazzo will yield 21 kg/m<sup>2</sup> when applied at a thickness of 10mm.

## Storage and Shelf life

PC Decofloor Terrazzo has 12 months shelf life when stored in original, cool, dry and unopened packs.

## Safety Measures

1. Clean tools and equipment immediately after the use.
2. Use proper safety equipments while mixing e.g. use of safety coats, safety goggle, gloves etc. Any eye contamination should be washed immediately with clean water and immediate medical attention sought.
3. Do not wet cure. Do not use a solvent based curing compound on this product.
4. Don't add admixtures, sand or calcium chloride.
5. Always use a complete units. Partial usage of unit may lead to variable results.

For further information related to application and safety precautions, please contact Mcrete® technical representative.

## Technical data

Aspect	Granulated coloured powder.
Mixed Density	2.10 - 2.20 g/cc
<u>Compressive strength</u> 1 day 7 days 28 days	15 MPa 30 MPa 40 MPa
<u>Setting time</u> Initial set Final set	30 minutes 1 hour
Flow time Working time	Approx. 15 minutes Approx. 30 minutes
Pot Life	30 minutes

For further clarifications Please contact on below address

### Pinjala Chemicals Pvt. Ltd.

Plot No. 172/A, Road No. 24, Phase 2  
Mallapur IDA, Hyderabad-500076,

Email: [info@mcrete.com](mailto:info@mcrete.com), Website: [www.mcrete.com](http://www.mcrete.com)

Ph no: +919985898569, 040-27158569

### Pinjala Chemicals Inc.

30273 Eastridge Drive, Spring,  
Texas 77386, USA

Email: [info.us@mcrete.com](mailto:info.us@mcrete.com), Website: [www.mcrete.com](http://www.mcrete.com)

Ph no: 001-3136861237