

# PC Grout Terrazzo



Polymer based coloured terrazzo grout

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## Product Overview

PC Grout Terrazzo is a polymer based cementitious coloured terrazzo grout which not only fills the pinholes that are visible immediately after the rough grinding, but also imparts a flawless levelled look to the terrazzo floor.

## Areas of applications

PC Grout Terrazzo has to be used in all such places where terrazzo flooring is being laid such as :-

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 has excellent flowability for covering large areas.
2. It is compatible with liquid floor densifiers and sealers.
3. It fills the pinholes which are formed immediately after the rough grinding of the terrazzo floors.
4. It easily harmonizes with the colour of the terrazzo floor which is being laid.

## Guidelines for Usage

**1. Checking the condition of the terrazzo substrate:** After the PC Decofloor Terrazzo has been laid, it has to be left for moisture curing for next 2 - 3 days until it attains a primary strength. Then using a resin bonded grinding grits 60 and 100, roughly grind the surfaces of the terrazzo floors till the aggregates and pores/pinholes are visible clearly.

**2. Surface Preparation:** Remove all grease, oil, dirt, laitance and foreign particles that could hamper proper adhesion. Laitance, moulds and contaminants should only be removed either by high speed water jet and then dried with vacuum or by wet mopping and air blower drying. It is recommended to use and apply a single coloured grout at a time while grouting the terrazzo floor. If there are two coloured regions lying adjacent to each other, then it is recommended to use masking tape just over the dividing strips separating the two coloured portions of the terrazzo screed. This is done so that while spreading and applying the coloured grout of one kind, the adjacent coloured screed doesn't spoil. Depending upon the area of each bounded region, the quantity of PC Grout 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.

**3. Mixing:** Mix the required quantity of PC Grout Terrazzo in a clean container with water in the ratio of 1:2 (water:powder) (depending upon the

surrounding temperature, humidity and colour of terrazzo being mixed), until a uniform lump free flowable consistency is formed. Mix the entire contents using a slow speed mixing paddle for about 2 - 3 mins.

**4. Application:** Pour the mix onto the open pored terrazzo screed. Spread the mix gently and uniformly using a power trowel/manual trowel. In the midst, spray some water using a hand sprayer whenever the grout tends to set/wherever necessary. After the grout has been evenly spread, leave the treated surface for curing for 1 full day.

**5. Post grouting processes:** Then using a resin bonded grinding grit-100 grind the topmost layer of the coloured grout till the terrazzo screen beneath it is visible. Further if there are minute pores visible, then repeat the above processes till all the open pores are filled with the corresponding coloured grout; i.e. PC Grout Terrazzo.

## Dosage and measures

PC Grout Terrazzo comes in a pre weighed packings. It is ready to mix and apply. Mix a 20 kg bag of PC Grout Terrazzo with 10 ltr of water. Please contact a Mcrete® technical representative for further advice.

## Packings available

PC Grout Terrazzo is available in 20 kg bags.

## Colours available

PC Grout 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 Grout Terrazzo will yield 18.75 sq.ft/kg.

## Storage and Shelf life

PC Grout 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 goggles, 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.

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

## Technical data

Aspect	Free flowing coloured powder.
Mixed Density	1.00 - 1.10 g/cc
<u>Setting time</u> Initial set Final set	15 minutes 45 minutes
Flow time Working time	Approx. 15 minutes Approx. 30 minutes
Pot Life	30 minutes

For further clarifications Please contact on below address

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