# Terrazzo: the six processes compared

One name, six materials. What binds each, how thick each is, and which of them can be repaired. terrazzo.com.cn

**FIGURES ARE PUBLISHED RANGES. FIGURES WE HAVE MEASURED ARE MARKED "OURS". FIGURES WE HAVE NOT MEASURED ARE MARKED "NOT TESTED". NOTHING ON THIS SHEET HAS BEEN INVENTED.**

## Why this sheet exists

Terrazzo is not a stone. It is a method, and the same word covers a 4 mm resin coating and a 30 mm pressed panel. Most published material treats those as one product, and a specification written against the average of them is wrong by a factor of seven in either direction. This sheet separates them.

| Process | Binder | Typical thickness | Substrate relationship | Repaired in place |
|---|---|---|---|---|
| **Precast Terrazzo** | Cement or resin, pressed in a factory | 2 mm / 18 mm | Bedded or laid on its own base | Tile by tile |
| **Epoxy Terrazzo** | Epoxy resin | 1 mm / 4 mm | Coating over a prepared substrate | No, not the way cement is |
| **Cement-Based Terrazzo** | Portland cement | 2 mm / 10 mm | Bonded to the substrate | Yes, patch and re-ground |
| **Poured Terrazzo** | Cement or resin placed wet | 2 mm / 8 mm | Ground together with the substrate | Yes, patch and re-ground |
| **Liquid Terrazzo** | Water-based resin | 1 mm / 2 mm | Coating over an existing floor | No, it is a coating |
| **Porcelain Terrazzo** | Fired clay body | 1 mm / 8 mm | A tile; follows tile rules | No, replace the tile |

Layer thicknesses are the published ranges for each process. They are not measurements of goods we made.

## Layer build-up

| Process | Layer | Thickness |
|---|---|---|
| **Precast Terrazzo** | Ground and polished face | 2 mm |
| **Precast Terrazzo** | Terrazzo body | 18 mm |
| | substrate | not to scale |
| **Epoxy Terrazzo** | Sealed epoxy surface | 1 mm |
| **Epoxy Terrazzo** | Epoxy terrazzo | 4 mm |
| | substrate | not to scale |
| **Cement-Based Terrazzo** | Ground surface | 2 mm |
| **Cement-Based Terrazzo** | Cement terrazzo | 10 mm |
| | substrate | not to scale |
| **Poured Terrazzo** | Ground and sealed | 2 mm |
| **Poured Terrazzo** | Poured terrazzo | 8 mm |
| | substrate | not to scale |
| **Liquid Terrazzo** | Sealed coating surface | 1 mm |
| **Liquid Terrazzo** | Liquid terrazzo coating | 2 mm |
| | substrate | not to scale |
| **Porcelain Terrazzo** | Printed glaze surface | 1 mm |

| Process | Layer | Thickness |
|---|---|---|
| **Porcelain Terrazzo** | Fired clay body | `8 mm` |
| | substrate | `not to scale` |

## What each one is for

**Precast Terrazzo**
Slabs and tiles cured under pressure, then ground and polished on site or in the factory.

**Epoxy Terrazzo**
Aggregate laid in epoxy, typically in place or as a thin panel.

**Cement-Based Terrazzo**
Laid on site in layers, ground and polished with the substrate.

**Poured Terrazzo**
Placed wet over the substrate and ground back to it, in one seamless floor.

**Liquid Terrazzo**
Sprayed or trowelled as a coating over an existing floor.

**Porcelain Terrazzo**
A terrazzo LOOK printed and fired on a porcelain body.

## Ordering against this sheet

Send us the process, the thickness, the finish, the quantity and the destination port. We quote FOB against the aggregate and the batch we control. If a figure above is the one you need and it is a published range rather than ours, ask for the test method — and if we cannot name one, we will say so rather than supply a number that nobody measured.