

# Precast Epoxy Terrazzo Technology Data

## 1.Ingredients :

Quartz sand, marble chips, etc.  
Solvent-free saturated epoxy resin  
Curing agent

## 2.Production methods :

Vacuum pressing

## 3.Application scenarios:

Shopping Malls, Schools, Airport, Hospitals



## 4.Technical Specifications

| No. | Items                                | Unit              | Result                                        |
|-----|--------------------------------------|-------------------|-----------------------------------------------|
| 1   | Density                              | g/cm <sup>3</sup> | 2.41                                          |
| 2   | Water absorption rate                | %                 | 0.04                                          |
| 3   | Compressive strength                 | Mpa               | 119                                           |
| 4   | Bending strength                     | Mpa               | 36.2                                          |
| 5   | Abrasion resistance                  | mm                | 28.0                                          |
| 6   | Impact energy of falling ball        | J                 | 3.9                                           |
| 7   | Linear thermal expansion coefficient | °C <sup>-1</sup>  | 25.2×10 <sup>-6</sup>                         |
| 8   | Limits on radionuclides              |                   | I <sub>Ra</sub> < 0.1<br>I <sub>r</sub> < 0.1 |
| 9   | Maximum stain resistance             |                   | 5                                             |
| 10  | Acid resistance                      |                   | C <sub>4</sub>                                |
| 11  | Alkali resistance                    |                   | C <sub>4</sub>                                |
| 12  | Mohs hardness                        |                   | 6                                             |
| 13  | Fire rating                          |                   | A2                                            |
| 14  | Anti-slip rating                     |                   | Safety                                        |

## 5.Installation Method

**Substrate preparation:** Grind the cement base to a smooth surface.

**Primer coating:** Apply epoxy primer to seal pores and increase adhesion.

**Installation:** Use tile adhesive to lay the precast epoxy terrazzo.

**Cure:** Allow at least 48 hours for moisture to evaporate and dry.

**Grinding:** After ensuring no gaps or hidden joints are formed, perform coarse and fine grinding.

## **6.Specification:**

Length: 600mm  
Width: 600/1200mm  
Thickness: 10/20mm



## **7.Storage and Transportation:**

Normal storage requires wooden frames for sea transport.