

# Sikafloor® Terrazzo EG

## Heavy duty seamless decorative flooring system

|   |   |               |
|---|---|---------------|
| <b>Product Description</b>              | A three-component solvent-free pigmented mortar screed based on epoxy resins.   |               |
| <b>Uses</b>                             | Used to form non-slip, abrasion-resistant epoxy resin floorings of 5 – 8 mm thickness:<br><ul style="list-style-type: none"> <li>■ Hospitals</li> <li>■ Airport terminals</li> <li>■ Industrial floorings subject to moderate or heavy loading</li> <li>■ Stairs</li> <li>■ Restaurants</li> <li>■ Hotel receptions</li> <li>■ Shopping centres</li> </ul> Suitable for use on:<br><ul style="list-style-type: none"> <li>■ Concrete, mortar and stone substrates with or without ventilation from below</li> </ul> |               |
| <b>Advantages</b>                       | <ul style="list-style-type: none"> <li>■ Easy to apply, good covering properties</li> <li>■ Solvent-free, no fire risk</li> <li>■ Excellent adhesion to substrate</li> <li>■ Decorative</li> <li>■ Low maintenance</li> <li>■ Easy to clean</li> <li>■ Excellent resistance to abrasion</li> <li>■ High mechanical strengths</li> </ul>   |               |
| <b>Technical Data</b>                   |   |               |
| <b>Colour</b>                           | Almost unlimited choice of colour shades  |               |
| <b>Density (20°C)</b>                   | Comp. (A) : ~ 1.16 kg/l<br>Comp. (B) : ~ 1.02 kg/l<br>Comp. (A+B) : ~ 1.22 kg/l<br>Comp. (A+B+C) Density will depend on component C material (glass, marble, granite,.....etc)  |               |
| <b>Packaging</b>                        | Ready for use pre-proportioned units at 20 kg (A+B+C).<br>(A+B) : 3.4 Kg. & (C) : 16.6 Kg.  |               |
| <b>Storage</b>                          | Store in shade away from direct sunlight and in dry conditions.   |               |
| <b>Shelf life</b>                       | 12 months from date of production if stored properly in original unopened packing.  |               |
| <b>Mechanical / Physical Properties</b> |   |               |
| <b>Compressive Strength</b>             | ~ 68 N/mm <sup>2</sup> (7Days / 23°)  | (ASTM-D695)   |
| <b>Tensile Strength</b>                 | ~ 29 N/mm <sup>2</sup> (7Days / 23°)  | ( ASTM-D638)  |
| <b>Shore Hardness</b>                   | ~ 72 (14Days / 23°)   | ( ASTM-D2240) |
| <b>Abrasion Resistance</b>              | Loss in thickness 0.55 mm   | ( ESS-269)    |
| <b>Chemical Resistance</b>              | Resistant to many chemicals. Please ask for a detailed chemical resistance table.   |               |
| <b>Coating system</b>                   | <ul style="list-style-type: none"> <li>■ Priming coat:<br/>Sikafloor® 94 (Comp. A + B) Coverage depending on condition of substrate)</li> <li>■ Mortar screed:<br/>Sikafloor® Terrazzo EG (Comp A+B+C)</li> </ul>   |               |



## Application

### Limitation

- Substrate moisture < 4% (or use EpoCem)
  - Min. substrate temperature +10°C
  - Max. substrate temperature +30°C
  - Max. air humidity 85% r.h.
  - Observe dew point.
  - Stir comp. A. well prior to each application.
- Maximum slope 1.5%.

### Substrate

The substrate must be clean, dry and free from all traces of loose particles, laitance, oil and grease. Compressive strength min. 25 N/mm<sup>2</sup>, pull-off strength min. 1.5 N/mm<sup>2</sup>. Prior to application porous areas and unevennesses must be smoothed.

### Method of application

SikaFloor Terrazzo System must be applied by experienced certified applicator. The following is only a brief for the application procedures.

Place the mortar while the primer coat is still tacky, and rake out evenly. Finish with a steel float. Grout the hardened surface until Saturation and all voids are completely filled. Brush the surface with a wide, short bristle brush to avoid build up of surface grout and eliminate air-entrapment immediately after application. Once the grout has hardened, grinding and smoothing of the structure is carried out. The structure is then washed with clean water. Remove any loose aggregate and excess water using an industrial vacuum. After surface is dried final grouting of surface is done and the surface is grinded then final polish is applied.

### Cleaning

Clean all tools and equipment immediately after use with Colma Cleaner. Once hardened, the material can only be removed mechanically. Wash soiled hands and skin thoroughly in hot soapy water.

### Health and safety

This product can cause skin irritations in persons with sensitive skin. Always rub precautions barrier cream into hands and exposed skin before starting work. Wear protective clothing (gloves and goggles). If SikaFloor91 is accidentally splashed into the eyes, nose, mouth or throat, flush immediately with plenty of clean, warm water and seek medical attention without delay.

### Legal notes

The information and in particular the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request. For further technical information, please consult our technical service department.



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