

# Method Statement for Application “SIKA EGYPT” Sikafloor® 81 & 82 EpoCem® Flooring Systems

**Scope:** Thixotropic, Textured, Slip Resisting Epoxy & Cement combination mortar for Self-smoothing floor screeds of 1.5 to 3.0 mm & of 3.0 to 7.0 mm.

## **A- Surface Preparation::**

- An even and fine gripping surface should be achieved prior to the application of the flooring system. This can be done by e.g. a captive shotblasting, sweep blasting, sandblasting etc. Vacuuming is absolutely necessary.
- Make sure the surface is sound, free from dust, spalls, cement laitance, contamination etc.
  - The compressive strength should be  $\geq 25 \text{ N/mm}^2$  or to meet defined loads.



- The adhesive tensile strength should be  $\geq 1.5 \text{ N/mm}^2$

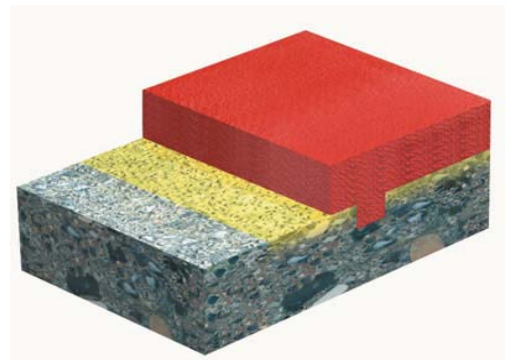


## **MOISTURE BARRIER**

- In areas where rising damp, osmosis or high moisture content (>4%) occurs, or is expected, use **Sikafloor 81 Epocem or Sikafloor 82 Epocem** (depending on thickness) as a moisture barrier
- Apply a primer coat of **Sikafloor Epocem Module** (Component A+B) at a rate of approx. 0.3 kg/m<sup>2</sup> by roller or brush.
- Mix **Sikafloor 81/82 Epocem** as per instructions given in the latest Technical Data Sheet.
- Spread **Sikafloor 81/82 Epocem** equally into the area by a notched trowel (4x4 mm notches)
- Immediately use a spiked roller to remove any entrapped air
- Consumption approx. 4.2 kg/m<sup>2</sup> for a thickness of 2 mm
- Let **Sikafloor 81/82 Epocem** cure for at least 2 days. Check the moisture content before applying further coating systems. The moisture content should be below 4%.
- Let **Sikafloor 81/82 Epocem** cure for at least 1 day (at 30°C). Check the moisture content before applying further coating systems. The moisture content should be below 4%.

### **Sika System**

- **Primer : Sikafloor Epocem Module, a solvent free epoxy primer**
- **Mortar screed layer a solvent free, Sikafloor 81/82 Epocem binder**



### **Technical Department.**

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