



METHOD STATEMENT

Sika Top Seal[®]-107 EL

DATE, : 3 / 2018

VERSION NO. 1

SIKA EGYPT

ENG. ASHRAF ELZINY

TECHNICAL DEPARTMENT

1. Scope : High Elastic protective and waterproofing slurry (Cement base, 2 component polymer modified combines the waterproofing capability of polymer)

Preliminary Works and surface preparation

- 1.1 Clean out surfaces, using small wire brushes or compressed air to remove all loose and friable materials, as well as mud and other impurities.
- 1.2 All concrete surfaces must be clean, free from standing, water and all loosely adhering particles.
- 1.3 Saturate absorbent concrete surfaces thoroughly with water to achieve a surface saturated dry (SSD) condition.

2. Execution

- Mixing and Application



- 2.1 Place three quarters (3/4) of component (A) (liquid) in a suitable mixing container.
- 2.2 Add component (B) (powder) to the liquid while mixing.
- 2.3 Add the rest of component (A)(1/4) during the addition of the component (B) and mechanical mixing to achieve the desired consistency.
- 2.4 Apply the first coat and leave to harden (2-6 hours).
- 2.5 After hardening of the first coat, apply the second coat as soon as possible.
- 2.6 Finish **Sika Top Seal® 107 EL** by rubbing down with a soft dry sponge.



3. Curing

3.1 Under normal circumstances curing is not required.

3.2 In severe heat and/or wind, protection of the **Sika Top Seal® 107 EL** is recommended.

REMARKS

- Do not apply more than 4 kg/m² per coat
- **Sika Top Seal 107 EL** can be applied up to a thickness of approx. 4-5 mm in 2-3 coats.
- All day joints shall be overlapped by a minimum of 150mm
- In case of critical substrates, such as cracked patch repairs, cracked concrete substrates, it is recommended to reinforce with a glass fibre mesh.
- **Sika Top Seal 107 EL** is cementitious based and therefore develops its strength over time. Mechanical values are normally taken after 28 days.

For any further clarification don't hesitate to contact Sika Egypt Technical Department

Technical Department

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 the 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 Product Data Sheet for the product concerned, copies of which will be supplied on request.

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