METHOD STATEMENT
Sika Seal®-105

DATE, : 08 / 2015

VERSION NO. 1

SIKA EGYPT

ENG. ASHRAF ELZINY

TECHNICAL DEPATEMENT

BUILDING TRUST

1. Scope : WATERPROOFING SLURRY. (CEMENT BASED, POLYMER MODIFIED COMBINES THE CRYSTALLIZATION ACTION-PORE BLOCK- AND 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 AII 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 (4-6 hours).

2.5 After hardening of the first coat, apply the second coat as soon as possible.

2.6 Finish Sika Seal ® 105 by rubbing down with a soft dry sponge.

3. Curing

3.1 Sika Seal® 105 should be moist cured for a minimum of 24 hours to initiate the crystallization process (pore block) and then mist cured for an additional 24 hours.

3.2 The waterproofing capability of Sika Seal® 105 is provide by the polymer modified cementitious slurry when moist curing is not possible.

REMARKS

- A minimum of 1.5 kg/m^2 Sika Seal® 105 shall be applied, depending on site requirements.
- For continuously immersed condition apply a minimum of 2 mm (in two coats).
- In case of critical substrates, such as cracked patch repairs, cracked concrete substrates, it is recommended to reinforce the Sika Seal® 105 with a glass fiber mesh.
- Install a glass fiber mesh (approximately 160 g/m^2, 4 mm mesh size) in floor/wall edge locations.
- In a very humid (>85% r.H.) and closed environment, waiting times and curing times will be increased. We recommend installing dehumidifiers in such cases. This is not required for exterior applications.

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

Technical Department

SIKA EGYPT
TECHNICAL DEPATEMENT

Version given by
Eng. Ashraf Elziny
Phone: 002-01223271730
Fax: 002-03-4244604
Mail: elziny.ashraf@eg.sika.com