

## Method Statement for Application “SIKA EGYPT”

**Sika<sup>®</sup> - 4a**

- 1 Scope: Quick setting waterproofing compound ( **When mixed with cement, it sets rapidly to seal areas of severe water infiltration**).

**Type:** Viscous Alkaline Liquid.

### **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, and free from all loosely adhering particles.

### **2. Execution**

#### **2 Mixing and Application**

##### **2.1 Mixing**

Dilute 1:2 to 1:4 with clean mixing water depending on the type of application and water pressure. Setting time is 120 – 180 seconds.

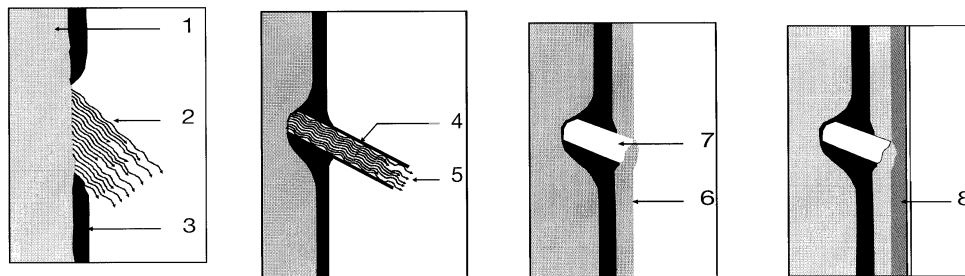
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Construction



## 2.2 Application

- 1- Infiltration concentrated at a few points
- 2- Preliminary waterproofing with **Sika 4-a** cement paste.
- 3- Plastic tube set in **Sika 4-a** cement paste.
- 4- Two coat Sika -1 rendering on roughened surface of preliminary waterproofing coat (or 1-2 Guniting layers).
- 5- After removal of plastic tube, plugging of discharge holes with a sufficient **Sika 4-a** cement paste that can be used immediately.
- 6- Apply a final Sika1 coat and surface finish.



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

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