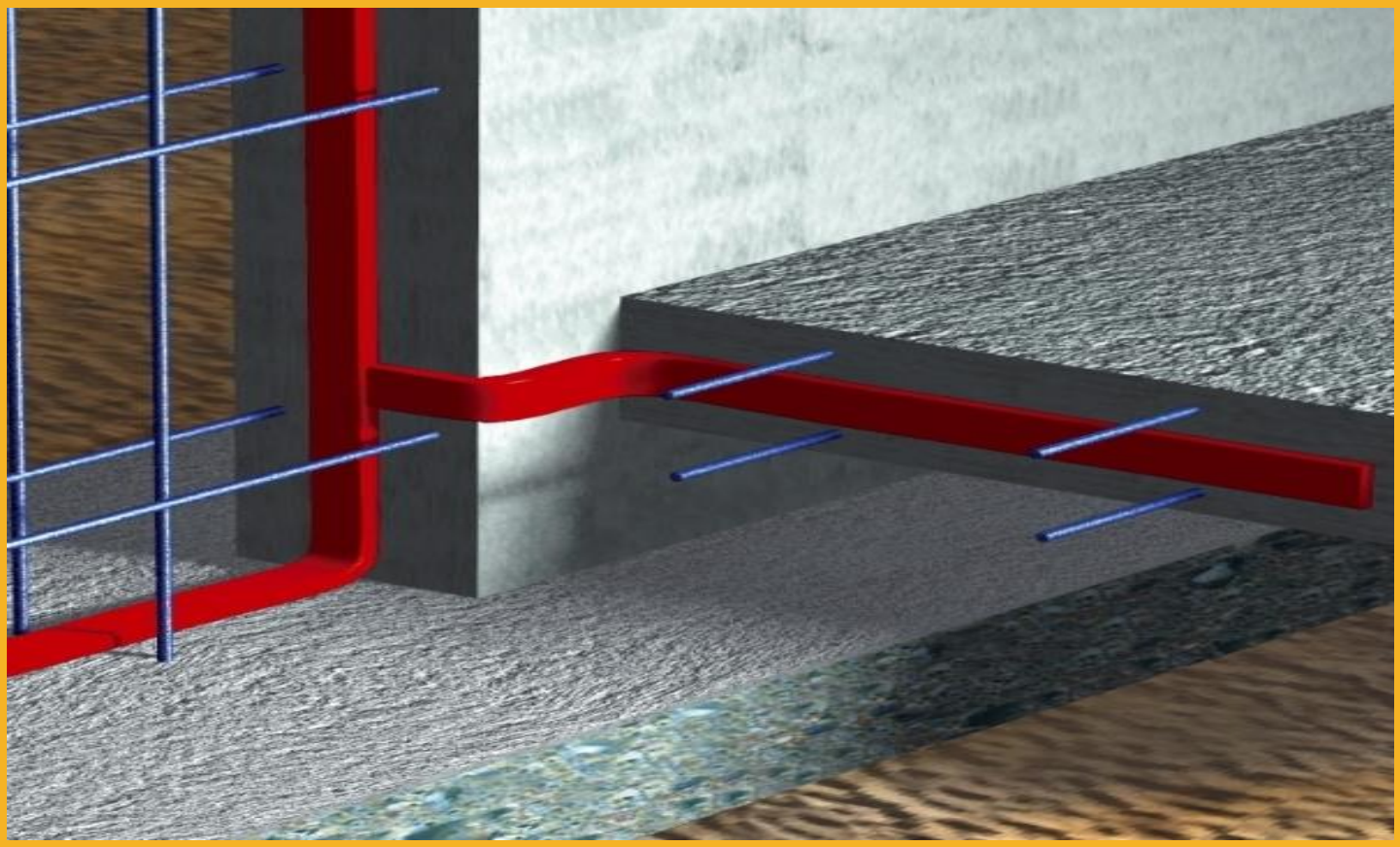

METHOD STATEMENT
SikaSwell®-A Profiles
Swellable Sealing Profiles

28 /3/2018

ENG. ASHRAF ELZINY

SIKA EGYPT

TECHNICAL DEPARTMENT

BUILDING TRUST

SCOPE

Application of Swelling Profiles in Construction Joints of Basements, Tunnels & Water Tanks

Surface Preparation

- All reinforcing steel and formwork must be securely fixed in final position.
- Concrete surfaces must be even, sound, dry, free from laitance, dust, loose particles, honeycombing, protrusions of coarse aggregate, contaminations ……etc.

Fixing

- The selection of the profile type, size and number of strips is governed by the concrete thickness, grade of concrete, reinforcement position as well as waterhead to which it is to be exposed to.
- Generally the SikaSwell-Profile should be placed in the centre of the concrete section and at all times have a minimum cover of 100 mm for reinforced concrete and 150 mm for un-reinforced concrete.
  More than one strip may be used on sections wider than 300mm.
  Strips may be placed side by side or apart from each other.
- The SikaSwell-Profile may be fixed with contact adhesive or, especially onto rough or damp concrete, with SikaSwell S.
- End connections and corners may be butt joined.
- During concreting operations the Sika Swell-Profile must be protected from displacement or mechanical damage and covered with a dense, well vibrated concrete free of any honeycombing.

Remarks

- Do not use Sika Swell range for any movement joints , In case of expansion joints Sika Waterbars can be used

Safety

- Health and safety instructions on the latest Technical Data Sheet must be strictly observed.
- For any additional information, please do not hesitate to contact our Technical Services Department.

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