



METHOD STATEMENT

CEMENT SLURRY INJECTION FOR FILLING VOID WITH INTRAPLAST® Z HV

SIKA LIMITED (VIETNAM)

1 SCOPE

- Injection of cement-water-expansive additive slurry in concrete structures cavities and large cracks.

2 INJECTION PREPARATION

- 6 mm holes must be drilled along the crack path at 300mm centres. The holes must be positioned to follow the crack and deep enough to receive the 'metal pipe sleeves' (approx. 20mm).
- Insert 'metal pipe sleeves' into all the holes and fix into position using Sika 102 waterplug.
- Mechanically clean the concrete surface adjacent to the crack with a wire brush or sandpaper.
- Wipe down the concrete with a clean rag to remove any dust and loosely adhering particles.
- The cleaned surface is then sealed using Sika 102 applied by a spatula or trowel.

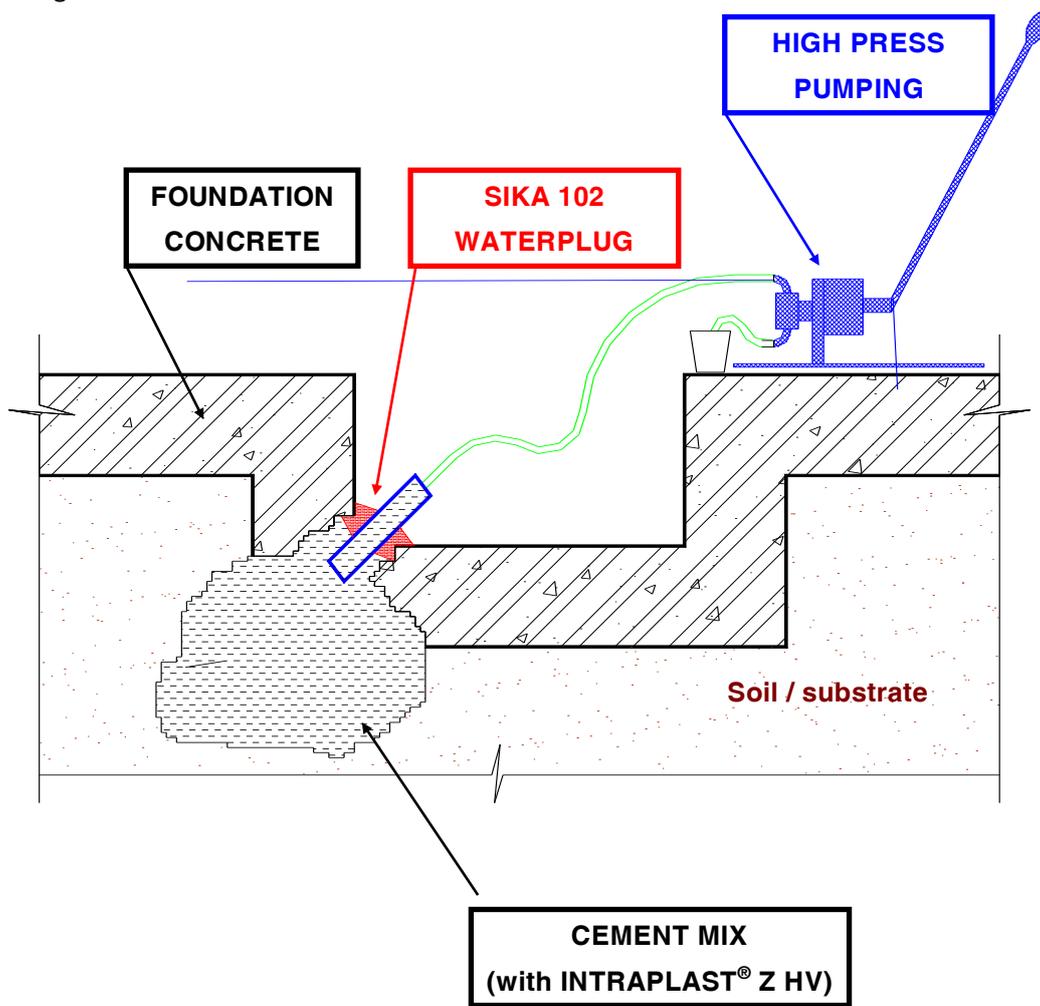
3 CRACK INJECTION

- Following the curing of the Sika 102 the grout injection can commence.
- Starting from one side or the lowest point of the crack the injection pump is screwed into the first pipe sleeve and the following grout mix is injected into the crack until the grout is seen to ooze from the adjacent pipe sleeve, this pipe sleeve's valve is then sealed and so on. This procedure is continued in the sequence indicated until all have been completed.

Grout Mix : 50 kg cement
 500 g Sika Intraplast Z-HV
 19 litres of water (W/C = 0.38)

- Beginning at the first sleeve filled, the injection pump is reconnected and primed to check for incomplete filling. This checking process is continued along the crack until all have been checked.
- After a curing time of 12 hours the sleeves are trimmed off with an angle grinder or other suitable equipment.

Detail drawing:



LEGAL NOTE

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 accordance with Sika's recommendations. 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 user of the product must test the products suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Sika Limited (Vietnam)
Nhon Trach 1 Industrial Zone
Nhon Trach, Dong Nai
Vietnam
vnm.sika.com

Phone: (84-251) 3560 700
Fax: (84-251) 3560 699
Mail: sikavietnam@vn.sika.com

Method Statement
Intraplast® Z HV
EDITION: 08/ 2018,