BUILDING COMMON GROUND

MAX FRANK®

Test Report

Zemseal® sub-structure waterproofing system

Base sealing between concrete and Zemseal®

17.01.2022

tested by: MAX FRANK Test laboratory, Leiblfing

MAX FRANK Group
Max Frank GmbH & Co. KG | Mitterweg 1 | 94339 Leiblfing | Germany | info@maxfrank.com

Test Report

Base sealing between concrete and Zemseal®

1. **Test object**
   Test for watertightness of the transition concrete to Zemseal® with Zemseal® fleece tape

2. **Test procedure:**

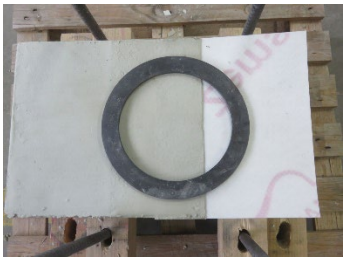
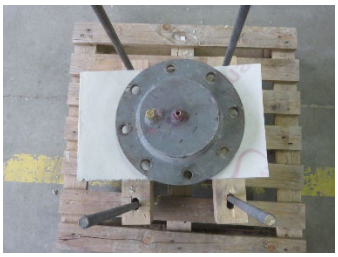
   a) For a 180 x 240 x 400 mm concrete body, the concrete surface was cleaned and blown off with air, then a 200 x 240 mm Zemseal® test specimen was placed on the concrete body and half of it was covered with a 120 mm wide Zemseal® fleece tape, the other half of the fleece tape was applied directly to the concrete surface.
   Next, the uncovered concrete surface was moisturised with water so that the dry concrete would not immediately absorb the water from the base seal and cause the base seal to crack.


   b) Afterwards, the base sealant "Aquafin-IC" from Schomburg was mixed in a small bucket and then applied several millimetres thick over the Zemseal® fleece tape and the concrete surface using a brush to apply.



3. Tests

After a curing time of 2 days for the base sealing, a water pressure bell was glued centrally over the transition between concrete and fleece tape and screwed to the concrete body with squared timbers. The next day, the test for watertightness was carried out.


4. Summary

The base seal in the transition from Zemseal® with Zemseal® fleece tape to concrete can be used up to a water pressure of 1.0 bar.

Leiblfing, 17.01.2022

Dept. of Sealing Technology/Testing Laboratory