

## Assessment Report

### -TRANSLATION-

Document number: (1201/637/18h) – Pan dated 22/07/2019

Client: SCHOMBURG GmbH & Co. KG  
Aquafinstr. 2-8  
32760 Detmold, Germany

Order date: 10/12/2018

Subject of the order: Test of the water impermeability of the mineral sealing slurry **AQUAFIN-RB400** after storage in water aggressive to concrete

Samples received: 15/01/2019

Sampling: By the client

Assessment period: April to June 2019

This Assessment Report consists of 2 pages.



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## 1 Procedure

SCHOMBURG GmbH & Co. KG commissioned the Civil Engineering Materials Testing Institute (MPA) in Braunschweig to test the water impermeability of the mineral sealing slurry **AQUAFIN-RB400** after storage in water highly aggressive to concrete in accordance with DIN 4030, Part 2.

The waterproofing material **AQUAFIN-RB400** is a 2-component plastic/mortar combination that is produced using the mixing ratio of powder : added liquid = 1.5 : 1 PBW.

## 2 Test results

The water impermeability test was carried out with reference to DIN 1048-5, on three coated, water-permeable concrete test specimens with the dimensions 20 x 20 x 12 (cm<sup>3</sup>). The application quantity of the coating was approx. 2,400 g/m<sup>2</sup>. Until testing, the coated test specimens were stored for 28 days in normal atmosphere (DIN 50014-23/50-2) and then for 28 days in water highly aggressive to concrete in accordance with DIN 4030, Part 2, Annex B.

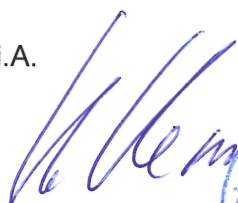
### Test results:

After 28 days of stress from water pressure at 1.5 bar, no water penetration could be detected at the fracture surfaces of the broken concrete specimens. The average dry coating thickness was 2.0 mm.

The waterproofing material **AQUAFIN-RB400** was impermeable to water highly aggressive to concrete under the stated test conditions.

This document is the translated version of the assessment report no. 1201/637/18h dated 22/07/2019. The legally binding text is the aforementioned German assessment report.

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