iBMB MPA TU BRAUNSCHWEIG
Institut für Baustoffe, Massivbau und Brandschutz | Materialprüfanstalt für das Bauwesen

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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Notified body (0761-CPR) – Recognised and notified by the German building authorities for testing, monitoring, inspection and certification.

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^3). The application quantity of the coating was approx. 2,400 g/m^2. 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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