



# BUILDING RESEARCH INSTITUTE - NISI

NOTIFIED LABORATORY

Identification number **NB 2032** of the European Commission

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## TEST REPORT PRODUCT TYPE DETERMINATION



**PTD-19.40 / 11.11.2019**

The tests are carried out in compliance with REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 (CPR) for construction products.

**Product:** Water impermeable product for use beneath ceramic tiling bonded with adhesives - Webertec Aquaseal 2K

**Producer:** SAINT-GOBAIN Construction Products Albania Ltd.  
Rr.Budull Nr.3, 1039 Ahmetag, Preze Vore, Albania

**Applicant:** SAINT-GOBAIN Construction Products Albania Ltd.  
Rr.Budull Nr.3, 1039 Ahmetag, Preze Vore, Albania

**Document for assignment:** Contract Nr.130 (07-100)/2019

**AVCP System:** System „3” according to Annex ZA.1 of EN 14891:2012

**Test samples:** The test sample presented weighs 25 kg comp. A and 10 kg. comp.B, which was taken of batch No. 59205, production date 25.06.2019 by the Applicant and delivered for testing at NISI on 14.08.2019.

**Test period:** From 14.08.2019 to 11.11.2019

**Assessment of performance:** The submitted sample Water impermeable product for use beneath ceramic tiling bonded with adhesives - Webertec Aquaseal 2K meets the requirements of the EN 14891:2012

**Head of Test Laboratory**  
Res. Ass. Eng. Tsvetana Gyurova

**General Manager of NISI**  
Maya Koseva



*The Test Report consists of 2 pages.*

*Copies of separate parts of the Test Report can be made with written consent of the NISI Ltd.*



### Testing data:

No	Essential characteristic	Unit of measurement	Test method <sup>1)</sup>	Test result	Requirement according to EN 14891:2012
1	2	3	4	5	6
1.	Water impermeability	- g	EN 14891: 2012 clause A.7	No penetration <b>2,1</b> weight gain	No penetration and ≤ 20 weight gain
2.	Initial tensile adhesion strength	N/mm <sup>2</sup>	EN 14891: 2012 clause A.6.2	<b>1,1</b> Mode of failure 100 % C <sup>2)</sup>	≥ 0,5
3.	Tensile adhesion strength after water contact	N/mm <sup>2</sup>	EN 14891: 2012 clause A.6.3	<b>1,0</b> Mode of failure: 70 % C/D and 30 % C <sup>2)</sup>	≥ 0,5
4.	Tensile adhesion strength after contact with lime water	N/mm <sup>2</sup>	EN 14891: 2012 clause A.6.9	<b>1,0</b> Mode of failure: 70 % C/D and 30 % C <sup>2)</sup>	≥ 0,5
5.	Tensile adhesion strength after heat ageing	N/mm <sup>2</sup>	EN 14891: 2012 clause A.6.5	<b>0,9</b> Mode of failure: 10 % C/D and 90 % C <sup>2)</sup>	≥ 0,5
6.	Tensile adhesion strength after freeze-thaw cycles	N/mm <sup>2</sup>	EN 14891: 2012 clause A.6.6	<b>0,8</b> Mode of failure: 40 % C/D, 15 % C and 45 % B/C <sup>2)</sup>	≥ 0,5
7.	Crack-bridging ability under standard conditions	mm	EN 14891: 2012 clause A.8	<b>1,63</b>	≥ 0,75

#### Notes:

<sup>1)</sup> The mixing ratio of the watertight product is dry mixture comp.A: liquid comp.B = 100:46 by weight. The specimens are prepared with Cement tile adhesive Class C2.

<sup>2)</sup> The mode of failure is indicated as follows:

A - cohesion failure in the concrete substance;

A/B - adhesion failure between the concrete substance and the waterproofing coat;

B - cohesion destruction in waterproofing coat;

B/C - adhesion failure between waterproofing coat and tile adhesive;

C - cohesive failure in the tile adhesive;

C/D - adhesive failure between tile adhesive and ceramic tile

#### Technical documentation:

EN 14891:2012 Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives - Requirements, test methods, evaluation of conformity, classification and designation

#### Tests are carried out by

Eng. Daniela Geneva

Eng. Ivelina Stoykova

#### Head of Test Laboratory

Res. Ass. Eng. Tsvetana Gyurova

