



BUILDING RESEARCH INSTITUTE - NISI
NOTIFIED LABORATORY

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

Bulgaria, 1618 Sofia, 86 Nikola Petkov Blvd. , tel: +359 28561082, fax: +359 29559638, e-mail: nisi@nisi.bg, web: www.nisi.bg

TEST REPORT
PRODUCT TYPE DETERMINATION



PTD-19.39 / 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 Aquastop 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 8 kg. comp.B, which was taken of batch No. 78587, production date 11.07.2019 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 Aquastop 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 ¹⁾	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 3,5 weight gain	No penetration and ≤ 20 weight gain
2.	Initial tensile adhesion strength	N/mm ²	EN 14891: 2012 clause A.6.2	1,0 Mode of failure 100 % C ²⁾	≥ 0,5
3.	Tensile adhesion strength after water contact	N/mm ²	EN 14891: 2012 clause A.6.3	1,0 Mode of failure: 80 % C/D and 20 % C ²⁾	≥ 0,5
4.	Tensile adhesion strength after contact with lime water	N/mm ²	EN 14891: 2012 clause A.6.9	1,1 Mode of failure: 80 % C/D and 20 % C ²⁾	≥ 0,5
5.	Tensile adhesion strength after heat ageing	N/mm ²	EN 14891: 2012 clause A.6.5	0,9 Mode of failure: 100 % C ²⁾	≥ 0,5
6.	Tensile adhesion strength after freeze-thaw cycles	N/mm ²	EN 14891: 2012 clause A.6.6	0,6 Mode of failure: 35 % C/D, 50 % C and 15 % B/C ²⁾	≥ 0,5
7.	Crack-bridging ability under standard conditions	mm	EN 14891: 2012 clause A.8	0,90	≥ 0,75

Notes:

¹⁾ The mixing ratio of the watertight product is dry mixture comp.A: liquid comp. B = 100: 35 by weight. The specimens are prepared with Cement tile adhesive Class C2.

²⁾ 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

