



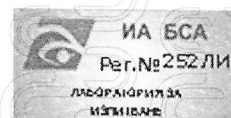
Center for  
Testing and  
European  
Certification

## ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ

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ИА БСА е страна по многостранно споразумение EA MLA

Сертификат за акредитация, рег. No 252 ЛИ /17.06.2022г., валиден до 17.06.2026г,  
издаден от ИА БСА, съгласно изискванията на стандарт БДС EN ISO/IEC 17025:2018



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Page 1 Totally pages 5

### REPORT FROM DETERMINATION OF THE PRODUCT TYPE

№ 1871-CPR-PTD-708/25.10.2023

Issue No: 1

The testing is performed from NB 1871 in accordance with the requirements of Annex V of Regulation (EU) No 305/2011 laying down harmonized conditions for the marketing of construction products, under system 3 for conformity assessment

**Client:**

Saint-Gobain Construction Products Albania, Rr. Budull, Nr.3 • 1039 Ahmetaq, Preze Vore • Albania

**Application:**

Evaluation of the performance of Adhesive for tiles “Webercol Smart G”, according to the requirement of the standard EN 12004:2007+A1:2012. Application № 3-0725 / 28.08.2023

**Performer:**

NB 1871 – Construction product testing laboratory

This product type-determination protocol consists of 5 pages and can only be used or reproduced in its entirety. The test results apply exclusively to the test specimens







**1. General**

The Notified Body NB 1871 Construction product testing laboratory was instructed by Saint-Gobain Construction Products Albania to carry out selected tests of **Adhesive for tiles "Webercol Smart G"** for evaluation of the performance according to the requirement of the standard EN 12004:2007+A1:2012

**2. Date of delivery of the sample for testing to the laboratory: 28.08.2023**

In accordance with the requirement of the applicant, the test samples were prepared at a ratio of 7.0 L of water to 25 kg of the dry mixture

**3. Test methods:**

3.1 БДC EN 1346:2008 Adhesives for tiles - Determination of open time

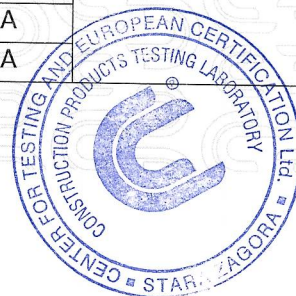
3.2 БДC EN 1348:2008 Adhesives for tiles - Determination of tensile adhesion strength for cementitious adhesives

3.3 БДC EN 1308:2009 Adhesives for tiles - Determination of slip

**4. Results from test report No 1181352/24.10.2023:**

4.1 Open time - tensile adhesion strength according to БДC EN 1346:2008

1.1 After 5 min	N/mm <sup>2</sup>	0.8 / CF-A	Average 0.8
		0.8 / CF-A	
		0.8 / CF-A	
		0.8 / CF-A	
		0.8 / CF-A	
		0.8 / CF-A	
		0.7 / CF-A	
		0.9 / CF-A	
		0.7 / CF-A	
		0.7 / CF-A	
1.2 After 10 min	N/mm <sup>2</sup>	0.8 / CF-A	Average 0.8
		0.8 / CF-A	
		1.0 / CF-A	
		0.8 / CF-A	
		0.8 / CF-A	
		0.9 / CF-A	
		0.8 / CF-A	
		0.7 / CF-A	
		0.9 / CF-A	
		0.8 / CF-A	







1.3	After 20 min	N/mm <sup>2</sup>	0.9 / CF-A	Average 1.0
			1.1 / CF-A	
			1.0 / CF-A	
			1.1 / CF-A	
			0.9 / CF-A	
			0.9 / CF-A	
			0.9 / CF-A	
			1.1 / CF-A	
			0.9 / CF-A	
			1.0 / CF-A	
1.4	After 30 min	N/mm <sup>2</sup>	0.5 / CF-A	Average 0.47
			0.5 / CF-A	
			0.5 / CF-A	
			0.4 / CF-A	
			0.4 / CF-A	
			0.5 / CF-A	
			0.4 / CF-A	
			0.5 / CF-A	
			0.5 / CF-A	
			0.5 / CF-A	

For Normal Setting Open time: tensile adhesion strength, the requirement is  $\geq 0.5 \text{ N/mm}^2$  after not less than 20 min.

For Extended open time: tensile adhesion strength, the requirement is  $\geq 0.5 \text{ N/mm}^2$  after not less than 30 min.

#### 4.2 Initial tensile adhesion strength according to p.8.2 of БДС EN 1348:2008

2. Initial tensile adhesion strength	N/mm <sup>2</sup>	0.9 / CF-A	Average 0.8
		0.8 / CF-A	
		0.9 / CF-A	
		0.9 / CF-A	
		0.9 / CF-A	
		0.8 / CF-A	
		0.7 / CF-A	
		0.8 / CF-A	
		0.9 / CF-A	
		0.9 / CF-A	

For Initial tensile adhesion strength, the requirement is  $\geq 0.5 \text{ N/mm}^2$ .

For High initial tensile adhesion strength, the requirement is  $\geq 1 \text{ N/mm}^2$ .







#### 4.3 Tensile adhesion strength after water immersion according to p.8.3 of БДС EN 1348:2008

3.	Tensile adhesion strength after water immersion	N/mm <sup>2</sup>	0.8 / AF-T	Average 0.8
			0.6 / CF-A	
			0.9 / CF-A	
			0.8 / CF-A	
			0.8 / CF-A	
			0.8 / CF-A	
			0.7 / CF-A	
			0.8 / CF-A	
			0.8 / CF-A	
			0.7 / CF-A	

For Tensile adhesion strength after water immersion the requirement is  $\geq 0.5 \text{ N/mm}^2$ .

For High Tensile adhesion strength after water immersion, the requirement is  $\geq 1 \text{ N/mm}^2$ .

#### 4.4 Tensile adhesion strength after heat ageing-durability according to p.8.4 of БДС EN 1348:2008

4.	Tensile adhesion strength after heat ageing-durability	N/mm <sup>2</sup>	0.6 / CF-A	Average 0.7
			0.8 / CF-A	
			0.7 / CF-A	
			0.7 / CF-A	
			0.7 / CF-A	
			0.8 / CF-A	
			0.7 / CF-A	
			0.7 / CF-A	
			0.7 / CF-A	
			0.6 / CF-A	

For Tensile adhesion strength after heat ageing-durability the requirement is  $\geq 0.5 \text{ N/mm}^2$ .

For High Tensile adhesion strength after heat ageing-durability the requirement is  $\geq 1 \text{ N/mm}^2$ .







#### 4.5 Tensile adhesion strength after freeze-thaw cycle according to p.8.5 of БДC EN 1348:2008

5.	Tensile adhesion strength after freeze-thaw cycle	N/mm <sup>2</sup>	0.6 / AF-T	Average 0.6
			0.6 / AF-T	
			0.7 / AF-T	
			0.6 / AF-T	
			0.6 / AF-T	
			0.6 / AF-T	
			0.5 / AF-T	
			0.5 / AF-T	
			0.6 / AF-T	
			0.6 / AF-T	

For Tensile adhesion strength after freeze-thaw cycle the requirement is  $\geq 0.5 \text{ N/mm}^2$ .

For High Tensile adhesion strength after freeze-thaw cycle, the requirement is  $\geq 1 \text{ N/mm}^2$ .

#### 4.6 Slip according to БДC EN 1308

6.	Slip	mm	0.4	Average 0.4
			0.2	
			0.4	

For Slip the requirement is  $\leq 0.5 \text{ mm}$ .

#### 5. Evaluation

The tested product can be classified regarding to the tested properties according to EN 12004:2007+A1:2012 as follows:

Property	Results	Class according to EN 12004:2007+A1:2012
Open time: tensile adhesion strength – after not less than 20 min	1.0 N/mm <sup>2</sup>	C1T
Initial tensile adhesion strength	0.8 N/mm <sup>2</sup>	
Tensile adhesion strength after water immersion	0.8 N/mm <sup>2</sup>	
Tensile adhesion strength after heat ageing	0.7 N/mm <sup>2</sup>	
Tensile adhesion strength after freeze-thaw cycles	0.6 N/mm <sup>2</sup>	
Slip	0.4 mm	

SIGNED:

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APPROVED:

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Head of laboratory  
on behalf of: CTEC LTD



