



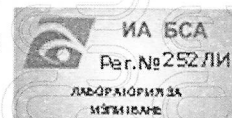
Center for  
Testing and  
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Certification

## ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ

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ИА БСА е страна по многостранно споразумение ЕА МЛА

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### REPORT FROM DETERMINATION OF THE PRODUCT TYPE

№ 1871-CPR-PTD-712/25.10.2023

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 Superflex G ", according to the requirement of the standard EN 12004:2007+A1:2012. Application № 3-0723 / 28.08.2023

**Performer:**

NB 1871 – Construction product testing laboratory

This product type-determination protocol consists of 6 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 Superflex 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

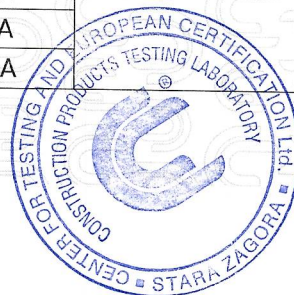
3.3 БДC EN 1308:2009 Adhesives for tiles - Determination of slip

3.4 БДC EN 12002:2009 Adhesives for tiles - Determination of transverse deformation for cementitious adhesives and grouts

**4. Results from test report No 1181356/24.10.2023:**

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

1.1 After 5 min	N/mm <sup>2</sup>	1.1 / AF-S	Average 1.3
		1.4 / AF-S	
		1.2 / AF-S	
		1.2 / AF-S	
		1.3 / AF-S	
		1.3 / AF-S	
		1.2 / AF-S	
		1.3 / AF-S	
1.2 After 10 min	N/mm <sup>2</sup>	1.6 / AF-S	Average 2.2
		1.9 / AF-S	
		2.2 / CF-A	
		2.3 / AF-S	
		2.4 / CF-A	
		2.2 / CF-A	
		2.0 / CF-A	
		2.1 / CF-A	
		2.2 / CF-A	
		2.2 / CF-A	







1.3 After 20 min	N/mm <sup>2</sup>	1.7 / CF-A	Average 1.7
		1.9 / AF-T	
		1.8 / CF-A	
		1.4 / CF-A	
		1.6 / CF-A	
		1.6 / CF-A	
		1.7 / CF-A	
		1.8 / CF-A	
		1.7 / CF-A	
1.4 After 30 min	N/mm <sup>2</sup>	1.3 / AF-T	Average 1.3
		1.1 / CF-A	
		1.5 / CF-A	
		1.4 / CF-A	
		1.0 / CF-A	
		1.3 / CF-A	
		1.3 / CF-A	
		1.4 / CF-A	
		1.4 / CF-A	
		1.2 / CF-A	

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

For Extended open time: tensile adhesion strength, the requirement is  $\geq 0.5$  N/mm<sup>2</sup> after not less than 30 min.

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

2. Initial tensile adhesion strength	N/mm <sup>2</sup>	2.2 / CF-A	Average 2.0
		1.9 / CF-A	
		1.9 / CF-A	
		2.2 / CF-A	
		1.9 / CF-A	
		2.1 / CF-A	
		2.0 / CF-A	
		2.0 / CF-A	
		1.9 / CF-A	
		1.9 / CF-A	

For Initial tensile adhesion strength, the requirement is  $\geq 0.5$  N/mm<sup>2</sup>.

For High initial tensile adhesion strength, the requirement is  $\geq 1$  N/mm<sup>2</sup>.







## 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>	1.5 / AF-T	Average 1.4
			1.6 / CF-A	
			1.5 / CF-A	
			1.3 / CF-A	
			1.2 / CF-A	
			1.1 / CF-A	
			1.5 / CF-A	
			1.3 / CF-A	
			1.4 / CF-A	
			1.5 / CF-A	

For Tensile adhesion strength after water immersion the requirement is  $\geq 0.5$  N/mm<sup>2</sup>.

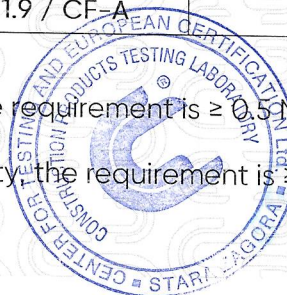
For High Tensile adhesion strength after water immersion, the requirement is  $\geq 1$  N/mm<sup>2</sup>.

## 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>	1.9 / CF-A	Average 1.9
			2.0 / CF-A	
			2.0 / CF-A	
			2.0 / CF-A	
			1.6 / CF-A	
			1.7 / CF-A	
			1.9 / CF-A	
			1.8 / CF-A	
			1.8 / CF-A	
			1.9 / CF-A	

For Tensile adhesion strength after heat ageing-durability the requirement is  $\geq 0.5$  N/mm<sup>2</sup>.

For High Tensile adhesion strength after heat ageing-durability, the requirement is  $\geq 1$  N/mm<sup>2</sup>.







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

5.	Tensile adhesion strength after freeze-thaw cycle	N/mm <sup>2</sup>	1.3 / AF-T	Average 1.3
			1.0 / AF-T	
			1.6 / AF-T	
			1.4 / AF-T	
			1.4 / AF-T	
			1.3 / AF-T	
			1.4 / AF-T	
			1.3 / AF-T	

For Tensile adhesion strength after freeze-thaw cycle the requirement is  $\geq 0.5$  N/mm<sup>2</sup>.

For High Tensile adhesion strength after freeze-thaw cycle, the requirement is  $\geq 1$  N/mm<sup>2</sup>.

## 4.6 Slip according to БДС EN 1308

6.	Slip	mm	0.4	Average 0.4
			0.5	
			0.4	

For Slip the requirement is  $\leq 0.5$  mm.

## 4.7 Transverse deformation according to БДС EN 12002

7.	Transverse deformation	mm	2.6	Average 2.6
			2.7	
			2.7	
			2.4	
			2.8	

For Deformable adhesive: transverse deformation the requirement is  $\geq 2.5$  mm and  $< 5$  mm.

For Highly deformable adhesive: transverse deformation the requirement is  $\geq 5$  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	1.7 N/mm <sup>2</sup>	C2TES1
Open time: tensile adhesion strength – after not less than 30 min	1.3 N/mm <sup>2</sup>	
Initial tensile adhesion strength	2.0 N/mm <sup>2</sup>	
Tensile adhesion strength after water immersion	1.4 N/mm <sup>2</sup>	
Tensile adhesion strength after heat ageing	1.9 N/mm <sup>2</sup>	
Tensile adhesion strength after freeze-thaw cycles	1.3 N/mm <sup>2</sup>	
Slip	0.4 mm	
Transverse deformation	2.6 mm	

SIGNED:

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APPROVED:

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Head of laboratory  
on behalf of: CTEC LTD





