



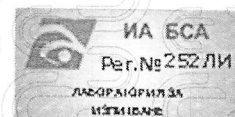
Center for
Testing and
European
Certification

ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ НА СТРОИТЕЛНИ ПРОДУКТИ

гр.Стара Загора, ул.“Индустиална“ № 2

ИА БСА е страна по многостранно споразумение ЕА МЛА

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



ФК 7.8.1_4 Версия 03
Page 1 Totally pages 5

REPORT FROM DETERMINATION OF THE PRODUCT TYPE

№ 1871-CPR-PTD-711/25.10.2023

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 Evoflex G", according to the requirement of the standard EN 12004:2007+A1:2012. Application № 3-0728 / 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 Evoflex 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

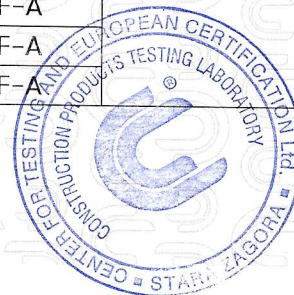
3.2 БДC EN 1348:2008 Adhesives for tiles - Determination of tensile adhesion strength for cementitious adhesives

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

4. Results from test report No 1181355/24.10.2023:

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

1.1 After 5 min	N/mm ²	1.5 / CF-A	Average 1.8
		1.9 / CF-A	
		2.0 / CF-A	
		2.0 / CF-A	
		1.7 / CF-A	
		1.7 / CF-A	
		1.8 / CF-A	
		1.8 / CF-A	
		1.9 / CF-A	
		1.6 / CF-A	
1.2 After 10 min	N/mm ²	1.9 / CF-A	Average 1.7
		1.9 / CF-A	
		1.6 / CF-A	
		1.7 / CF-A	
		1.7 / CF-A	
		1.8 / CF-A	
		1.9 / CF-A	
		1.6 / CF-A	
		1.3 / CF-A	



1.3	After 20 min	N/mm ²	1.6 / AF-T	Average 1.8
			1.8 / AF-T	
			1.9 / AF-T	
			2.0 / AF-T	
			2.2 / AF-T	
			1.7 / AF-T	
			1.7 / AF-T	
1.4	After 30 min	N/mm ²	1.5 / CF-A	Average 1.4
			1.6 / CF-A	
			1.6 / CF-A	
			1.3 / CF-A	
			1.2 / CF-A	
			1.3 / CF-A	
			1.1 / CF-A	
			1.2 / CF-A	
			1.4 / CF-A	
			1.4 / 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.

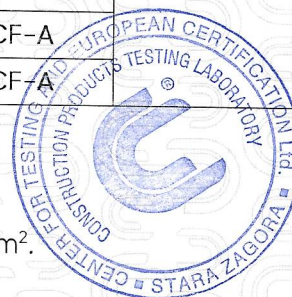
For Extended open time: tensile adhesion strength, the requirement is $\geq 0.5 \text{ N/mm}^2$ after not less than 30 min.

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

2. Initial tensile adhesion strength	N/mm ²	1.4 / CF-A	Average 1.8
		1.5 / CF-A	
		2.2 / CF-A	
		1.5 / CF-A	
		2.0 / CF-A	
		1.8 / CF-A	
		2.2 / CF-A	
		2.1 / CF-A	
		1.8 / 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 БДC EN 1348:2008

3.	Tensile adhesion strength after water immersion	N/mm ²	1.0 / CF-A	Average 1.3
			1.3 / CF-A	
			1.5 / CF-A	
			1.2 / CF-A	
			1.3 / CF-A	
			1.4 / CF-A	
			1.4 / CF-A	
			1.3 / CF-A	
			1.3 / CF-A	
			1.5 / CF-A	

For Tensile adhesion strength after water immersion the requirement is ≥ 0.5 N/mm².

For High Tensile adhesion strength after water immersion, the requirement is ≥ 1 N/mm².

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

4.	Tensile adhesion strength after heat ageing-durability	N/mm ²	1.9 / CF-A	Average 1.8
			2.0 / CF-A	
			1.6 / CF-A	
			1.8 / CF-A	
			1.8 / CF-A	
			1.8 / CF-A	
			2.0 / CF-A	
			1.7 / CF-A	
			1.6 / CF-A	
			1.7 / CF-A	

For Tensile adhesion strength after heat ageing-durability the requirement is ≥ 0.5 N/mm².

For High Tensile adhesion strength after heat ageing-durability, the requirement is ≥ 1 N/mm².



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 ²	1.4 / CF-A	Average 1.2
			1.3 / CF-A	
			1.3 / CF-A	
			1.1 / CF-A	
			1.2 / CF-A	
			1.0 / CF-A	
			1.2 / CF-A	
			1.3 / CF-A	
			1.0 / CF-A	

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	0.5	Average 0.4
			0.4	
			0.5	

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	1.8 N/mm ²	C2TE
Open time: tensile adhesion strength – after not less than 30 min	1.4 N/mm ²	
Initial tensile adhesion strength	1.8 N/mm ²	
Tensile adhesion strength after water immersion	1.3 N/mm ²	
Tensile adhesion strength after heat ageing	1.8 N/mm ²	
Tensile adhesion strength after freeze-thaw cycles	1.2 N/mm ²	
Slip	0.4 mm	

SIGNED:

Diyana Teneva
Specialist testing

APPROVED:

eng. Hristina Angelova
Head of laboratory
on behalf of: CTEC LTD



