

TEST REPORT
INITIAL TYPE TESTING
№. PTD-005/26.05.2025

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

1. Adhesive for ceramic tiles – FILL (OMI) 3000 HIRI C2TES1

(description of the construction product, product name, intended use, trademark)

2. Manufacturer: OMIKRONI SH.P.K, Dobrocin, Republic of Kosovo.

3. Contractor: OMIKRONI SH.P.K, Dobrocin, Republic of Kosovo.

4. Award document – contract S3-2/27.03.2025

5. System "3" according to Annex ZA of EN 12004:2007+A1:2012

6. EN 12004:2007+A1:2012 – Requirements, evaluation of conformity, classification and designation.

EN 1348:2008, EN 1346:2008, EN 1308:2009, EN 12002:2009 – test methods

(technical specification)

6. The sample was delivered by the applicant to 27.03.2025, sample amount – 5 kg

Laboratory number: S3-5

7. Test period: 28.03.2025 – 26.05.2025

8. The operational parameters of the essential characteristics (described in item 9 of the test report) of the test sample of Adhesive of ceramic tiles FILL (OMI) 3000 HIRI C2TES1 correspond to the required classes/limit levels defined in table ZA of EN 12004:2007+A1:2012 and is classified as C2TES1

Manager:
(PhD, dipl.eng. V. Genadiev)



10. TEST RESULTS

N ^o	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
1.	Initial adhesion strength	N/mm ²	EN 1348:2008 Clause 8.2	1,6 Adhesion failure: 100 % AF-T	≥ 1,0	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				1,1 Adhesion failure: 100 % AF-T		
				1,8 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,6 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				Average value: 1,5 ± 0,1		
				Adhesion failure between ceramic tile and adhesive (AF-T)		



№	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
2.	Tensile adhesion strength after heat ageing	N/mm ²	EN 1348:2008 Clause 8.4	1,6 Adhesion failure: 100 % AF-T	≥ 1,0	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				1,7 Adhesion failure: 100 % AF-T		
				1,7 Adhesion failure: 100 % AF-T		
				1,0 Adhesion failure: 100 % AF-T		
				1,2 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,6 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				Average value: 1,4 ± 0,1		
				Adhesion failure between ceramic tile and adhesive (AF-T)		



No	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
3.	Tensile adhesion strength after water immersion	N/mm ²	EN 1348:2008 Clause 8.3	1,3 Adhesion failure: 100 % AF-T	≥ 1,0	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				1,3 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,5 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				Average value: 1,4 ± 0,1		
				Adhesion failure between ceramic tile and adhesive (AF-T)		



№	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
4.	Tensile adhesion strength after freeze-thaw cycles	N/mm ²	EN 1348:2008 Clause 8.5	1,2 Adhesion failure: 100 % AF-T	$\geq 1,0$	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				1,1 Adhesion failure: 100 % AF-T		
				1,1 Adhesion failure: 100 % AF-T		
				1,4 Adhesion failure: 100 % AF-T		
				1,1 Adhesion failure: 100 % AF-T		
				1,2 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,2 Adhesion failure: 100 % AF-T		
				1,3 Adhesion failure: 100 % AF-T		
				1,2 Adhesion failure: 100 % AF-T		
				Average value: 1,2 ± 0,1		
				Adhesion failure between ceramic tile and adhesive (AF-T)		



№	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
5.	Expended open time: Tensile adhesion strength after not less than 30 min	N/mm ²	EN 1346:2008 Clause 8.5	0,5 Adhesion failure: 100 % AF-T 0,6 Adhesion failure: 100 % AF-T 1,0 Adhesion failure: 100 % AF-T 0,9 Adhesion failure: 100 % AF-T 0,6 Adhesion failure: 100 % AF-T 0,7 Adhesion failure: 100 % AF-T 0,6 Adhesion failure: 100 % AF-T 0,8 Adhesion failure: 100 % AF-T 0,6 Adhesion failure: 100 % AF-T 0,6 Adhesion failure: 100 % AF-T Average value: 0,7 ± 0,1 Adhesion failure between ceramic tile and adhesive (AF-T)	≥ 0,5	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s



No	Essential characteristics	Unit of measurement	Test method	Test results	Requirement according to technical specification	Test conditions
6.	Slip	mm	EN 1308:2009	0,2	$\leq 0,5$	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				0,3		
				0,1		
				Average value: 0,2 ± 0,1		
7.	Transverse deformation	mm	EN 12002:2009	3,1	Class S1 $\geq 2,5$ and < 5	t= (22°C - 23°C) RH (49 – 50) % Air flow speed 0,0 m/s
				3,3		
				2,9		
				2,9		
				3,4		
				3,5		
				Average value: 3,2 ± 0,2		

Note: 1. This Test Report Protocol is a reason for making a declaration of performance and affixing of the CE marking of the manufacturer.

Note: 2. Adhesive composition: Mixing ratio in determining the characteristics is dry mixture: water=100:26 parts by weight.

Note: 3. The specified type of failure is in accordance with Annex A of EN 12004:2007+A1:2012

Tests are carry out by: 
(Miglena Mitkova)

Head of testing laboratory 
(eng. D. Stoyanova)
