



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.

Technical and Test Institute for Construction Prague

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TEST REPORT

issued by Testing Laboratory No. 1018.3
accredited pursuant to ČSN EN ISO/IEC 17025:2005 by Czech Accreditation Institute

No. 020-040078

on Initial Type Testing according to ČSN EN 12004

- open time
- shear adhesion strength

Manufacturer: **OOO «PAK«RielInvest Ocenka»**
Address: Russian Federation, 352272, Krasnodarskij region,
Otradenskij rajon chutor Chloponin, Moskevskaja Str. 1
Company ID: 2345004377
Plant: Russian Federation, 352272, Krasnodarskij region,
Otradenskij rajon chutor Chloponin, Moskevskaja Str. 1
Test sample: **Tile adhesive No.11 T.M. "Power Plast"**
Order No.: Z020180292
Number of pages of the Test Report incl. title page: 3 Pages of Annexes: -

Prepared by:

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specialist

Approved by:



Ing. Dana Pilařová
manager of the testing department

Print No.: 1
Number of prints: 2

České Budějovice, 19.11.2018

Stamp of Testing Laboratory No. 1018.3

Declaration: 1) The test results in this Report relate only to the tested article and they do not substitute any other documents
2) The Test Report must be copied as a whole only otherwise a written consent of the testing laboratory is needed.

1. Sample data

Evidence Number: VZ020182156
 Sample: Tile adhesive No.11 T.M. "Power Plast"
 Date of sample delivery: 04.10.2018
 Sampling method: 1 undamaged packaging
 Method of the sample preparation: 195 g water / 1000 g dry mixture.

Data of sampling conditions, plan and sampling procedure, if necessary, the name of the person performing the sampling are listed in the minutes of sampling, which is stored in the testing department

2. Test methods

ČSN EN 1346 : 2008 Adhesives for tiles - Determination of open time.
 ČSN EN 1348 : 2008 + opr.1:2011 Adhesives for tiles - Determination of tensile adhesion strength for cementitious adhesives.

Deviations from a standard procedure or the use of non-standardized methods: were not applied.

3. Test results

The tests were carried out on: 09.10.2018 - 16.11.2018

The tests were performed by: Marie Kubešová

Date about person performing the test, testing equipment and about test conditions are listed in test minutes. All measurement and test equipment are calibrated according to valid plan of the testing department.

3.1 Determination of adhesive strength (EN 1348)

	Ascertained value [MPa]		average	Tear-off
	partial			
Initial	1.54	1.69	1.55	CF – A
	1.68	1.48		
	1.60	1.26		
	1.80	1.45		
	1.58	1.38		
After submerging in water	0.80	0.74	0.77	CF – A
	0.74	0.78		
	0.78	0.71		
	0.81	0.75		
	0.78	0.78		
After placing on at higher temperature	0.51	0.54	0.53	CF – A
	0.53	0.54		
	0.53	0.52		
	0.52	0.51		
	0.55	0.54		
	1.01	1.18	1.12	CF - A
	1.14	1.15		
	1.00	1.13		
	1.18	1.12		
	1.41*	1.15		

*) .excluded values (not in range $u \pm 20\%$ from mean value) are not calculated in final average value

AF – T failure of adhesiveness between tile and mortar

CF – A failure of mortar consistency



3.2 Determination of open time – ČSN EN 1346

	Specified value [MPa]		Tear-off
	partial	average	
Adhesive strength after 20 min	1.13 0.85 1.05 0.80 0.90	0.88 1.02 1.15 0.95 0.98	0.97 CF - A
Adhesive strength after 30 min	0.88 0.78 0.61 0.68 0.70	0.72 0.79 0.82 0.75 0.69	0.74 20% CF - A 80% AF - T

END OF THE TEST REPORT

