



Łukasiewicz
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AB 088

**TESTING LABORATORY OF WOOD, WOOD-BASED MATERIALS, PACKAGING,
FURNITURE, CONSTRUCTIONS AND WOODWORKING MACHINES**



PHYSICAL AND MECHANICAL TESTING SECTION

Poznań, 28.09.2020

TEST REPORT

No A3000/2020/S.B

English version of the Test Report No A3000/2020/S.B issued on 29.12.2021

Subject of the order:

Testing of multilayer wooden floorings with top layer made of oak wood

Order No:

A-3000-BDZ/2020

Name and address of the customer:

P. D. JAWOR Antoni Jan Gawiński
ul. Grunwaldzka 87, 13-300 Nowe Miasto Lubawskie

Performance date:

17.09.2020 – 18.09.2020

Operators:

First name and surname	Signature
Lechosław Jabłoński	

Authorised representative

KIEŁCOWNIK
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1 IDENTIFICATION (DESCRIPTION OF TESTED OBJECTS)

The objects of the tests were two-layer flooring elements with top layer made of oak wood and with different surface finish in three variants:

- Sample No 1 – parquet covered with oil-wax of Jawor-Parkiet,
- Sample No 2 – parquet with a hybrid surface (oil-wax – varnish) of Jawor-Parkiet,
- Sample No 3 – parquet covered with oil-wax of the competitor.

The Customer delivered for testing elements with nominal dimensions of 490mm×70mm×11mm.

2 DATE OF DELIVERY OF TESTED OBJECTS

Samples were delivered on 8.09.2020.

There were no damages of the samples.

3 SCOPE AND METHODS OF EXAMINATION

The test was performed according to *CEN/TS 15676:2007 “Wood flooring – Slip resistance – Pendulum test”*, identical to the method described in the standard *EN 13036-4:2011 “Road and airfield surface characteristics – Test methods – Part 4: Method for measurement of slip/skid resistance of a surface: The pendulum test”*.

4 APPARATUS

Slip resistance tester Pendulum SK 1579 of WESSEX TEST EQUIPMENT Ltd using rubber with hardness of 55 IRHD and elasticity of 70% (at 20°C), identification No B15/113 was used for the test.

5 TEST RESULTS

The tests of slip resistance were performed on test floors assembled from delivered elements on a rigid flat surface. Three measurements were performed in each of five points and each of two directions (along and across the grain). Test results are summarised in Table 1.

Table 1: The results of slip resistance of multilayer flooring elements delivered for testing on 8.09.2020

Measuring point No	Measurement No	Sample No 1		Sample No 2		Sample No 3	
		along the grain	across the grain	along the grain	across the grain	along the grain	across the grain
1	1	86	85	84	76	76	72
	2	88	86	84	76	78	70
	3	88	85	84	78	76	73
2	1	87	84	82	78	76	73
	2	89	85	81	77	77	74
	3	89	85	82	77	77	74
3	1	88	86	83	76	77	72
	2	88	85	83	75	78	72
	3	89	84	83	76	78	72
4	1	89	85	84	77	76	73
	2	89	85	84	76	76	73
	3	89	85	84	76	76	74
5	1	88	85	82	77	76	74
	2	88	85	81	78	76	73
	3	89	85	81	78	76	72
mean value		88	85	83	77	77	73
Pendulum Test Value (PTV)		87		80		75	
standard deviation		1.8		3.3		2.2	

6 STATEMENT

Test results presented in this report refer to the tested samples only. The report may not be copied in part, it may be copied in full only.

END OF THE REPORT