



INSTYTUT TECHNOLOGII DREWNA

WOOD TECHNOLOGY INSTITUTE • INSTITUT FÜR HOLZTECHNOLOGIE • INSTITUT DE TECHNOLOGIE DU BOIS
UL. WINIARSKA 1 • 60-654 POZNAŃ - POLAND • phone: +48618492400 • fax: +48618224372
e-mail: office@itd.poznan.pl



AB 088

Notified Body No. 1583

WOOD, WOOD-BASED MATERIALS, PACKAGING, FURNITURE, WOODEN CONSTRUCTIONS AND WORKING MACHINES TESTING LABORATORY



PHYSICAL AND MECHANICAL TESTING SECTION

Poznań, 2.08.2016

TEST REPORT No A2047//2016/S.B

Subject of the order:

Slip resistance testing of flooring elements

Order No:

A-2047-BDZ/2016

Name and address of the customer:

INSTYTUT TECHNOLOGII DREWNA
CENTRUM CERTYFIKACJI WYROBÓW PRZEMYSŁU DRZEWNEGO

Performance date:

28.07.2016

Operators:

First name and surname	Signature
(Eng) Lechosław Jabłoński	

Authorised representative

INSTYTUT TECHNOLOGII DREWNA
LABORATORIUM BADANIA DREWNA
MATERIAŁÓW DREWNOPOCHODNYCH
OPAKOWAŃ, MEBLI, KONSTRUKCJI I OBRABIAREK
60-654 Poznań, ul. Winiarska 1

MSc (Eng) Andrzej Noskowiak

1 IDENTIFICATION (DESCRIPTION OF TESTED OBJECTS)

The objects of the tests were two-layer flooring elements (Fertig Deska) with a thickness of 17 mm and top layer (6 mm) made of oak wood finished with lacquer coating. Manufacturer of flooring elements was the company **P. D. JAWOR Antoni Jan Gawiński** (ul. Grunwaldzka 87, 13-300 Nowe Miasto Lubawskie).

2 DATE OF DELIVERY OF TESTED OBJECTS

Flooring boards were delivered to ITD on 27.06.2016.

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 test of slip resistance was performed on a test flooring 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 two-layer flooring elements with a top layer made of oak wood finished with lacquer coating, manufactured by the company **P. D. JAWOR Antoni Jan Gawiński**, delivered for testing on 27.06.2016

Measuring point No	Measurement No	Direction	
		along the grain	across the grain
1	1	80	81
	2	80	80
	3	80	81
2	1	82	83
	2	82	82
	3	82	82
3	1	81	81
	2	82	80
	3	82	80
4	1	82	82
	2	81	82
	3	81	82
5	1	80	81
	2	80	81
	3	81	81
mean value		81	81
Pendulum Test Value (PTV)		81	
standard deviation		0,9	

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
