



Łukasiewicz
Wood
Technology
Institute

ŁUKASIEWICZ RESEARCH NETWORK – WOOD TECHNOLOGY INSTITUTE

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AB 088

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



SURFACE TESTING SECTION

Poznań, 2020-09-30

TEST REPORT no. 2943/2020/S.H

English version of the Test Report no. 2943/2020/S.H issued on 29.12.2021

Subject of the order

Testing of abrasion resistance of the surface of two-layer parquet made of oak wood (3 types)

Order no.

A-2943-BBP/2020

Name and address of the client

Przedsiębiorstwo Drzewne „JAWOR”
Antoni Jan Gawiński
ul. Grunwaldzka 87
13-300 Nowe Miasto Lubawskie

Performance date

September 2020

Operator

First name and surname	Signature
Tomasz Oleszek	

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Authorised representative

Magdalena Nowaczyk-Organista, PhD

1. IDENTIFICATION (DESCRIPTION) OF THE TEST OBJECT

The tested object was a two-layer parquet with top layer made of oak wood labelled by the customer as samples 1-3.

Sample no. 1 – wax-oiled parquet Jawor-Parkiet

Sample no. 2 – parquet with hybrid surface (wax-oil – lacquer) Jawor-Parkiet

Sample no. 3 – wax-oiled parquet from competitive company

The test samples in amount of 8 pieces of each finishing type of the sizes of (490 × 70 × 11) mm were taken by the customer's representative and delivered to ŁUKASIEWICZ Research Network – Wood Technology Institute in Poznań, Poland.

Identification of the tested object has been done acc. to information provided by the customer.

Before the tests, the test samples were conditioned for 7 days in the atmosphere of (23 ± 2) °C and (50 ± 5) % RH.

In the laboratory, the test samples were marked with register number A-2943.

2. DATE OF THE OBJECT'S DELIVERY FOR TESTING

The test samples were delivered on 08.09.2020.

3. METHODS AND SCOPE OF TESTING

The tests were carried out according to the methods described in the following standard:

EN 13696:2008 Wood flooring – Test methods to determine elasticity and resistance to wear and impact resistance

p. 5 Wear

4. LIST OF MEASUREMENT AND TEST APPARATUSES, AND MATERIALS

To perform the tests the following apparatuses were used:

- Taber-Abraser apparatus with grit feeder, type 352/F, lab id no. H 9/6.

Materials:

- Aluminium Oxide ALODUR ESK 240 (Pure Carborundum grit).

5. TESTS RESULTS

Tests results are presented in Table 1.

6. STATEMENT

Tests results presented in Table 1 refer only to the examined objects.

The test report cannot be copied in parts but only in its entirety.

Order no.: A-2943-BBP/2020


Tested object: **two-layer parquet made of oak wood**


Date of the object's delivery: 08.09.2020

Table 1

Surface wear resistance

Type of material	Result of surface wear resistance test [revolutions]			
	Results of the individual samples			Average value
1 – wax-oiled parquet Jawor-Parkiet	100	100	100	100
2 – parquet with hybrid surface (wax-oil – lacquer) Jawor-Parkiet	1400	1400	1400	1400
3 – wax-oiled parquet from competitive company	100	100	100	100


Tomasz Oleszek
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Operator


Magdalena Nowaczyk-Organista
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Checked by
The End

28.09.2020
.....
Date of tests termination