DECLARATION OF CONFORMITY EC

No. 6/12/EN

1. Manufacturer: **Baltic Wood S.A.**
ul. Fabryczna 6a
38-200 Jaslo, Poland

2. Product: Multi-layer parquet elements, thickness: 13,3 mm; 14,0 mm;

3. Destination and range of the use: Product finished with lacquer or oil, for the indoor private or public usage as a floor. Installed as a floating parquet or glued to the subfloor, on the floor heating systems as well. Conditions of installing product must be strictly fulfilled according to the Laying Instruction added to the product.

4. Technical specification:

We declare under our sole responsibility that the product described above meets to the requirements specified in the standards:

PN-EN 14342+A1:2009	**Wood flooring. Characteristics, evaluation of conformity and marking.**	Year	**2009**
PN-EN 13489:2004	**Wood flooring. Multi-layer parquet elements.**	Year	**2004**

5. Technical properties:

Properties:	**Declared values:**
- Reaction to fire	D_{fl}-s1
- Formaldehyde emission	E1
- Content of pentachlorophenol	PCP free
- Slipperiness	
Lacquer	USRV 58
Matt Lacquer	USRV 46
Oil	USRV 72
Natural Oil	USRV 78
- Thermal conductivity	
Thickess 13,3 mm	0,11 W/mK
Thickess 14,0 mm	0,12 W/mK
- Biological durability	Class 1

Evaluation of conformity of the product was made on the basis of the tests made by:

1. Wood Technology Institute - Drezden
   Zellescher Weg 24, D-01217 Drezden
2. Wood Technology Institute - Poznan
   ul. Winiarska 1, PL-60-654 Poznan

Jaslo, 2012-07-30

Edward Nitka
(Vice President of The Board)

CE

Baltic Wood S.A., ul. Fabryczna 6a, 38-200 Jasło, Polska (Poland)

09

PN-EN 14342:2005+A1:2009

Elementy posadzkowe wielowarstwowe układane pływająco lub klejone do podłoża
Multi-layer parquet elements installed as a floating parquet or glued to the subfloor

Reakcja na ogień Reaction to fire	D_{fl}-s1	
Emisja formaldehydu Emission of formaldehyde	Klasa E1 Class E1	
Emisja pentachlorofenolu Content of pentachlorophenol	Nie zawiera PCP free	
Śliskość Slipperiness	Lakier półmatowy / Semi-matt Lacquer Lakier matowy / Matt lacquer Olej UV / Oil UV Olej naturalny / Natural oil	USRV 58 USRV 46 USRV 72 USRV 78
Przewodność cieplna Thermal conductivity	Produkt 10,5 mm / Product 10,5 mm Produkt 13,3 mm / Product 13,3 mm Produkt 14,0 mm / Product 14,0 mm Produkt 21,0 mm / Product 21,0 mm	0,09 W/mK 0,11 W/mK 0,12 W/mK 0,16 W/mK
Trwałość biologiczna Biological durability	Klasa 1 Class 1	

SWORN/CERTIFIED TRANSLATOR
Janina Podbilska - Pająk, M.A.
ul. Mazurkiewiczów 19, 38-400 Krosno, Poland
Tel./ Fax (0 - 13) 432-43-73
e-mail: biurojpp@gmail.com

CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE

[translation from an electronic message]

(The logo of the Institute)

INSTYTUT TECHNOLOGII DREWNA, POZNAŃ
CENTRUM CERTYFIKACJI WYROBÓW PRZEMYSŁU DRZEWNEGO, CCWPD
WOOD TECHNOLOGY INSTITUTE
CENTRE FOR CERTIFICATION OF WOOD INDUSTRY PRODUCTS

(The logo of IAF, MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT)

(The logo of the POLISH ACCREDITATION CENTRE – PCA, ACCREDITATION OF PRODUCTS, AC 098)

CERTIFICATE No 210/2010

(according to 3 PN-ISO/IEC system, Guide 67)
for conformity with the requirements

Certificate holder's name and address:	BALTIC WOOD S.A. ul. Fabryczna 6a, 38-200 Jasło
Product:	Multilayer flooring panels made of natural wood, to be installed indoors as a floor of the following thickness values: 10.5; 13.3; 14.0; 21.5 mm
Product supplier:	BALTIC WOOD S.A. ul. Fabryczna 6a, 38-200 Jasło
The product meets the requirements stipulated in:	PN-EN 13489: 2004, Wood flooring. Multilayer flooring / parquet elements.
in compliance with the report on testing performed by:	Laboratory for Testing of Wood, Wood-Based Materials, Packaging, Furniture, Structures and Woodworking Machines, of the Wood Technology Institute (accreditation certificate by PCA (Polish Accreditation Centre) No AB 088)
Number and date of the testing report:	1790/2010 (S.A.+B) 03.12.2010
This certificate is valid till:	07.12.2013

This certificate refers exclusively to the product items having the identical properties / characteristics (parameters) as the model (models) presented for examination and meeting the requirements specified above.

The rights and duties of the certificate holder have been stipulated in contract Number 62/CCWPD/2010, dated 08.12.2010.

Manager of CCWPD (Laboratory)	Director of the Institute
[illegible signature]	[illegible signature]
mgr inż. Zygmunt Stawicki	doc. dr Władysław Strykowski

[Round seal of the Institute]

Poznań, dated 08.12.2010

This certificate is its holder property and it can be used upon the holder's approval only.

I, Janina Podbilska-Pająk – sworn/certified translator from the Polish language, hereby certify that to the best of my knowledge the foregoing is a true, accurate and complete translation of an electronic, uncertified copy of the document in the Polish language, presented to me.
Krosno, dated ..18 January 2011 Rep. No. ..3/11.....

TŁUMACZ PRZYSIĘGŁY
SWORN TRANSLATOR
mgr Janina Podbilska-Pająk

SWORN/CERTIFIED TRANSLATOR
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e-mail: biurojpp@gmail.com

CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE

[translation from an e-mail message]

INSTYTUT TECHNOLOGII DREWNA
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BANK MILLENNIUM SA 36 1160 2202 0000 0000 6389 3555 • NIP 777-00-00-985 • REGON 000124050 • KRS 0000106475

NOTIFIED BODY No 1583

A-796-BOŚ/2012 Poznań, 1st June, 2012

Fire-Reaction Classification Report

1 Introduction

This classification report specifies the classification / grade issued for a three-layer flooring panel with its top layer made of oak-wood, with the finish of a lacquer coating – according to the procedures stipulated in EN 13501-1:2007.

FIRE-REACTION CLASSIFICATION as per EN 13501-1:2007

Ordering party:	Baltic Wood S.A. ul. Fabryczna 6A 38-200 Jasło
Prepared by:	Instytut Technologii Drewna Wood Technology Institute ul. Winiarska 1 60-654 Poznań
Notified body/entity:	1583
Product name/description:	three-layer flooring panels with its top layer made of oak-wood, with the finish of a lacquer coating
Classification Report No:	9/2012
Revision No:	1
Issue date:	1st June, 2012.

This classification report is made up of four pages and may be used or copied only in its entirety.

2 Detailed information on the classified product

2.1 General provisions

The product, three-layer flooring panels with their top layer made of oak-wood, with the finish of a lacquer coating, is defined as flooring or floor.

2.2 Product description

The product, three-layer flooring panels with their top layer made of oak-wood, with the finish of a lacquer coating, is described below or mentioned in the reports being the basis of classifications specified in 3.1.

Total thickness (as per the ordering party's declaration)	(14 ± 0.2) mm
Top layer thickness (as per the ordering party's declaration)	(3.5 ± 0.2) mm
Density (as per the ordering party's declaration)	(530 ± 10) kg/m^3
Surface weight (calculated	(7420 ± 250) g/m^3

The middle and bottom layers are made of spruce-wood. The finish layer is of UV-hardened acrylic resins-based lacquer coating. The product's individual layers have been bonded in the pressing process with urea-formaldehyde resin-based adhesives (as per the manufacturer's declaration).

3 Reports and the examination results forming the basis of classification

3.1 Reports

Laboratory Name	Ordering party's Name	Examination report No	Examination date and method Rules and date of determining the scope of application
The Laboratory for Examination/ Testing of Wood, Wood-Based Materials, Packaging, Furniture, Constructions and Machine Tools, of Wood Technology Institute in Poznań	Baltic Wood S.A. ul. Fabryczna 6a 38-200 Jasło	796/2012/S.K report No 1/796/2012/S.K	EN ISO 9239-1 (radiating panel method) 25th May, 2012 direct application
The Laboratory for Examination/ Testing of Wood, Wood-Based Materials, Packaging, Furniture, Constructions and Machine Tools, of Wood Technology Institute in Poznań	Baltic Wood S.A. ul. Fabryczna 6a 38-200 Jasło	796/2012/S.K report No 2/796/2012/S.K	EN ISO 11925-2 (single flame action method) 25th May, 2012 direct application

3.2 Examination results

Examination method	Parameter	Number of exami-nations	Results	
			Continuous parameter – average value (m)	Conformance with the parameter
EN ISO 9239-1 (radiating panel method) A-796-BOŚ/2012/6K	Critical heat stream (kW/m^2)	3	3.92	(--)
	Smoke emission (%·min)		7.93	(--)
PN-EN ISO 11925-2 (single flame action method) Surface exposure Action time: 15 s A-796-BOŚ/2012/7K	The flame spreading $F_s \leq$ 150 mm within 20 sec.	6	(--)	YES

(--): not applicable

4 Classification and its applicability scope

4.1 Classification reference document

The classification was defined in compliance with EN 13501-1:2007

4.2 Classification

The product, three-layer flooring panels with its top layer made of oak-wood, with the finish of a lacquer coating obtained the following fire-reaction classification:

D_{fl}

Due to emission of smoke the product obtained the following additional classification:

s1

Fire-reaction properties		Smoke emission	
D_{fl}	-	**s**	**1**

i.e.: **D_{fl}–s1**

Fire-reaction classification: **D_{fl}–s1**

4.3 Applicability scope

This classification is valid only for the following product characteristics:

- Total thickness: at least 13.8 mm
- Top layer thickness: at least 3.3 mm
- Top layer: oak hard-wood
- Surface finish: lacquer

(Examination report No A-796-BOŚ/2012/S.K of 1st June, 2012).

This classification is valid for the following end-use applications:

- The product is used exclusively on ground beams/sleepers or floorings having the fire-reaction class A1 or A2-s1,d0.
- The product is used in horizontal position with the exposed side up.

5 Limitations

This document is neither a technical approval nor a certificate of the product.

This document is valid provided that the material (product) composition and the process technology are not altered, but not longer than to 1st June, 2017.

SIGNED BY
Jacek Pawłowski, MSc

"Jacek Pawłowski"

VERIFIED BY
dr Hanna Wróblewska, prof. IDT

[stamp:] HEAD
of Inflammability Examination Section
"H Wróblewska"

I, Janina Podbilska-Pająk – sworn/certified translator from the Polish language, hereby certify that to the best of my knowledge the foregoing is a true, accurate and complete translation of an uncertified copy of the document in the Polish language, presented to me.
Krosno, dated 25th June, 2012 Rep. No. 115/12

TŁUMACZ PRZYSIĘGŁY
SWORN TRANSLATOR
Mgr Janina Podbilska-Pająk

eph®
Entwicklungs- und Prüflabor
Holztechnologie GmbH
Zellescher Weg 24 · D-01217 Dresden
www.ihd-dresden.de

Deutscher Akkreditierungs Rat
DAR

Durch das Deutsche Akkreditierungssystem Prüfwesen (DAP)
nach DIN EN ISO 17025 akkreditiertes Prüflaboratorium
Die Akkreditierung gilt für die in der Urkunde aufgeführten Prüfverfahren
(Registrier-Nr.: DAP-PL-1033.00)

TEST CERTIFICATE

Product: Parquet Baltic Floor Laquered
(Multilayer Parquet Element, 3 layers, 14 mm thick)

Costumer: Baltic Wood S.A.
ul. Fabryczna 6A
PL- 38200 JASLO
Poland

Order: Determination of properties according to EN 14342

Test methods: Determination of the formaldehyde emission according to EN 717-1
Determination of the PCP content according to CEN/TR 14823 in connection with the institute standard ihd-W 409

Basics: 276025

Test results:

Property	Result	Declaration according to EN 14342
Formaldehyde emission according to EN 717-1	0,01 ppm	Class E1
Content of PCP	unverifiable	PCP free

Dresden, 13.04.2006

Head of laboratory

Institute of Wood Technology · eph · QUALITY PROVEN · Dresden gGmbH

Engineer in charge

CERTIFICATE

Baltic Wood™

ISO 9001:2008

DEKRA Certification Sp. z o.o. hereby certifies that the company

Baltic Wood S.A.

Scope of certification:
Production and sale of wooden floor panels.

Certified location:
ul. Fabryczna 6a • PL – 38-200 Jasło

has established and maintains a quality management system according to the above mentioned standard. The conformity was adduced with audit report no. W-A 900412/A3/P/9001.
This certificate is only valid in connection with the main certificate no. 000311053/1.

This certificate is valid from 2013-02-02 to 2016-02-01

Certificate registration no.: 000311053/1-1
Duplicate

DEKRA Certification Sp. z o.o. Pl. Solny 20, 50-063 Wrocław

DEKRA Certification Sp. z o.o.
Wrocław, 2013-02-01

AC 151
QMS

Lack of fulfilment on conditions as set out in the Certification Agreement may render this certificate invalid.

SWORN/CERTIFIED TRANSLATOR
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ul. Mazurkiewiczów 19, 38-400 Krosno, Poland
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CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE

[translation from electronic transmission]

(Logo of the Institute)
INSTYTUT TECHNOLOGII DREWNA • WOOD TECHNOLOGY INSTITUTE • INSTITUT FUR HOLZTECHNOLOGIE • INSTITUT DE TECHNOLOGIE DU BOIS
ul. WINIARSKA 1 • 60-654 POZNAŃ - POLAND • phone: (061) 849-24-00 • fax: (061) 822-43-72 • e-mail: A_Noskowiak@itd.poznan.pl

LABORATORY FOR WOOD EXAMINATION/TESTING AND APPLICATIONS (USES)

Poznań, 6th November, 2009

REPORT ON TESTING/ EXAMINATION
No U 239/BDZ/2009

The subject matter of the order: Slip resistance testing/ examination of three-layer flooring panels

Order Number: U-239 BDZ 09

Customer's name and address:

BALTIC WOOD S.A.
ul. Fabryczna 6a
38 – 200 Jasło

Date of performing the testing: 12th October, 2009 – 26th October, 2009

Persons performing the testing:

Name and surname	Signature
Grzegorz Szumiński, MSc, Engineer	illegible signature
Lechosław Jabłoński, Engineer	illegible signature

Laboratory Stamp:

[Oblong stamp]: INSTYTUT TECHNOLOGII DREWNA [WOOD TECHNOLOGY INSTITUTE], LABORATORY FOR WOOD EXAMINATION/TESTING AND APPLICATIONS (USES), 60-654 Poznań, ul. Winiarska 1, Phone No 8492-481

Head of Section or Head of Laboratory for W E/T A(U)

Stamp and illegible signature: "Head of Laboratory for Wood Examination/Testing and Applications (Uses), Andrzej Noskowiak, MSc., Engineer"

1. IDENTIFICATION (DESCRIPTION OF THE OBJECTS TO BE TESTED)

The objects of testing were industrially manufactured three-layer flooring components (three-layer flooring made of natural wood) their top (face, surface) layer made of oak hardwood. As pre-arranged, the ordering party (customer) supplied 10 samples (test-pieces) measuring 150x150 mm each with four finishing options:

option I – "eggshell gloss (semi-matt) lacquer" made by Kneho Lacke,

option II – "flat (matt) lacquer" made by Kneho Lacke

option III – "natural oil" made by OSMO GmbH,

option IV – "transparent oil" made by OSMO GmbH.

2. DATE OF RECEPTION OF THE OBJECT TO BE TESTED

The samples to be tested were delivered on 12th October, 2009.

No damage/ defects/flaws of the samples were found.

3. SCOPE AND EXAMINATION/ TESTING METHODS EMPLOYED

The slip resistance of the surface of the test-pieces was tested/examined using the method described in the standard: ***CEN/TS 15676*** *"Wood flooring. Slip resistance. Pendulum test"*.

Before testing the samples were conditioned in the following conditions: relative air humidity: (50±5%), temperature: (23±2)°C.

4. LIST OF MEASURING INSTRUMENTS

To determine the findings, the pendulum skid tester ***SK 1579*** made by ***WESSEX TEST EQUIPMENT Ltd.*** with rubber sliders of the hardness of 55 IRHD and elasticity of 70% (at 20°C), Identification Number B 15 112.

5. EXAMINATION/TESTING RESULTS

Three (3) measurements were conducted on each of the test-pieces in two directions (along the grains and across the grains).

The detailed examination/testing results are presented in Tables 1 through 4.

Table 1

Slip resistance examination results for three-layer flooring components of BALTIC WOOD with their top layer made of oak hardwood, finished with eggshell gloss (semi-matt) acrylic lacquer produced by Kneho Lacke

Sample number	Measurement number	Direction of measurement	
		along the grains	across the grains
1	1	64	65
	2	65	65
	3	65	66
2	1	66	62
	2	68	62
	3	68	64
3	1	60	56
	2	58	56
	3	58	56
4	1	56	56
	2	56	54
	3	57	54
5	1	65	54
	2	65	54
	3	66	55
6	1	62	56
	2	62	58
	3	64	58
7	1	54	58
	2	55	56
	3	58	56
8	1	56	54
	2	55	56
	3	56	54
9	1	56	56
	2	52	58
	3	53	56
10	1	58	56
	2	56	56
	3	58	53
average		**60**	**57**
slip resistance indicator USRV (Unpolished Slip Resistance Value)			**58**
standard deviation			**4.4**

Table 2

Slip resistance examination results for three-layer flooring components of BALTIC WOOD with their top layer made of oak hardwood, finished with flat (matt) acrylic lacquer produced by Kneho Lacke

Sample number	Measurement number	Direction of measurement	
		along the grains	across the grains
1	1	52	56
	2	56	54
	3	54	56
2	1	54	52
	2	52	52
	3	55	48
3	1	50	48
	2	51	48
	3	50	50
4	1	46	46
	2	46	44
	3	47	44
5	1	44	46
	2	44	44
	3	44	45
6	1	44	40
	2	44	38
	3	45	40
7	1	46	44
	2	46	43
	3	47	44
8	1	46	45
	2	44	43
	3	44	42
9	1	44	44
	2	44	44
	3	43	40
10	1	43	43
	2	45	42
	3	40	44
average		47	46
slip resistance indicator USRV (Unpolished Slip Resistance Value)			46
standard deviation			4.4

Table 3

Slip resistance examination results for three-layer flooring components of BALTIC WOOD with their top layer made of oak hardwood, finished with natural oil produced by OSMO GmbH

Sample number	Measurement number	Direction of measurement	
		along the grains	across the grains
1	1	68	80
	2	70	80
	3	70	81
2	1	75	80
	2	75	81
	3	76	81
3	1	76	81
	2	76	82
	3	76	83
4	1	78	82
	2	80	82
	3	78	84
5	1	76	78
	2	76	80
	3	76	80
6	1	74	80
	2	74	80
	3	74	80
7	1	75	82
	2	76	82
	3	75	83
8	1	77	85
	2	76	85
	3	80	80
9	1	74	79
	2	75	80
	3	74	82
10	1	78	80
	2	74	82
	3	74	80
average		75	81
slip resistance indicator USRV (Unpolished Slip Resistance Value)			78
standard deviation			3.7

Table 4

Slip resistance examination results for three-layer flooring components of BALTIC WOOD with their top layer made of oak hardwood, finished with transparent oil produced by OSMO GmbH

Sample number	Measurement number	Direction of measurement	
		along the grains	across the grains
1	1	74	74
	2	72	74
	3	72	75
2	1	74	71
	2	77	72
	3	72	74
3	1	76	76
	2	78	74
	3	76	76
4	1	74	76
	2	76	76
	3	76	78
5	1	70	70
	2	68	70
	3	70	71
6	1	66	72
	2	68	72
	3	70	74
7	1	70	68
	2	72	72
	3	72	72
8	1	71	70
	2	72	72
	3	72	72
9	1	74	72
	2	74	72
	3	74	70
10	1	74	70
	2	72	72
	3	72	68
average		73	72
slip resistance indicator USRV (Unpolished Slip Resistance Value)			72
standard deviation			2.6

6. OPINION AND INTERPRETATIONS

Pursuant to Standard PN-EN 14342+A1:2009 "Wood flooring. Characteristics, evaluation of conformity and marking" the slip resistance is conducted using the method of ***CEN/TS 15676***.This standard does not indicate any values required for this parameter.
However, the required value of this parameter was specified for the surfaces of sports flooring, including the lacquer-finished wood flooring, in standard ***PN-EN 14904:2009*** "Surfaces for sports areas. Indoor surfaces for multi-sports use. Specification". The value of the slip resistance parameter required by the latter standard, determined in the way analogous to the definition in standard ***CEN/TS 15676*** should range within 80 – 110.

7. STATEMENT/ DECLARATION

The results of the examination/testing quoted in this Report refer solely to the product test samples examined / tested.
The report must not be copied partially but as a whole only.

I hereby certify that to the best of my knowledge the foregoing is a true, accurate and complete translation of the original document in the Polish language, presented to me.
Krosno, dated 16th November 2009 Rep. No. 340/09

TŁUMACZ PRZYSIĘGŁY
SWORN TRANSLATOR