



## SWORN/CERTIFIED TRANSLATOR

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### CERTIFIED TRANSLATION FROM THE POLISH LANGUAGE

[translation from an e-mail message]



ROK ZAŁOŻENIA  
ESTABLISHED IN  
1952

## INSTYTUT TECHNOLOGII DREWNA

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### NOTIFIED BODY No 1583

A-796-BOŚ/2012

Poznań, 1<sup>st</sup> 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:

1<sup>st</sup> June, 2012.

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



AC 098

CERTYFIKAT AKREDYTACJI  
JEDNOSTKI CERTYFIKUJĄCEJ WYROBY  
ACCREDITATION CERTIFICATE  
FOR PRODUCT CERTIFICATION BODY



AB 088

CERTYFIKAT AKREDYTACJI  
LABORATORIUM BADAWCZEGO  
ACCREDITATION CERTIFICATE  
OF TESTING LABORATORY



MEDAL M. MICHAŁA OCZAPOWSKIEGO  
MICHAŁ OCZAPOWSKI MEDAL



POLSKA PLATFORMA TECHNOLOGICZNA  
SEKTORA LEŚNICTWA I DREWNA  
POLISH TECHNOLOGY PLATFORM  
FOR FORESTRY AND WOOD SECTOR

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## 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 <sup>3</sup>
Surface weight (calculated)	(7420 ± 250) g/m <sup>3</sup>

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) 25 <sup>th</sup> 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) 25 <sup>th</sup> May, 2012 direct application



### 3.2 Examination results

Examination method	Parameter	Number of examinations	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 <sup>2</sup> )	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<sub>fl</sub>**

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

**s1**

Fire-reaction properties		Smoke emission	
<b>D<sub>fl</sub></b>	-	<b>s</b>	<b>1</b>

i.e.: **D<sub>fl</sub>-s1**

Fire-reaction classification: **D<sub>fl</sub>-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 1<sup>st</sup> 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 1<sup>st</sup> June, 2017.

**SIGNED BY**  
Jacek Pawłowski, MSc

**VERIFIED BY**  
dr Hanna Wróblewska, prof. IDT

“Jacek Pawłowski”

[stamp:] HEAD  
of Inflammability Examination Section  
“H Wróblewska”

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I, Janina Podbilska-Pajak – 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 ..... 23<sup>rd</sup> June, 2012 .....

Rep. No. .... 115/12 .....



TLUMACZ PRZYSIĘGŁY  
SWORN TRANSLATOR  
Mgr Janina Podbilska-Pajak