



**INSTYTUT TECHNOLOGII DREWNA**  
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Notified Body N° 1583

Poznan, 31<sup>st</sup> May 2017

## Reaction to fire classification report

### 1 Introduction

This classification report defines the classification assigned to the double-layer, oak, lacquered flooring elements with a thickness of 11 mm, in accordance with the procedures given in PN-EN 13501-1+A1:2010 [EN 13501-1:2007+A1:2009].

## CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1+A1:2010

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

**Prepared by:** Wood Technology Institute (Instytut Technologii Drewna)  
Winiarska 1 Str.  
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Poland

**Notified Body No** 1583

**Product name:** Double-layer, oak, lacquered flooring elements with a thickness of 11mm  
(Fertig Parquet and Fertig Board)

**Classification report No.:** 6/2017

**Issue number:** 1

**Date of issue:** 31<sup>st</sup> May 2017

This classification report consists of four pages and may only be used or reproduced in its entirety.

## 2 Details of classified product

### 2.1 General

Lacquered oak two-layer floor elements of 11 mm thickness (Fertig Parquet and Fertig Board) measuring 1500x140x11 mm (oak top layer - 3.5 mm) are defined as a flooring.

### 2.2 Product description

Construction product: double-layer, oak, lacquered flooring elements with a thickness of 11 mm produced by P.D. Antoni Jan Gawiński, ul. Grunwaldzka 87, 13-100 Nowe Miasto Lubawskie, consists of elements of dimensions 1500x140x11 mm (oak top layer 3.5 mm).

Density of floor elements determined in the Laboratory of Wood Technology Institute after conditioning in accordance with PN EN 13238 is  $(694 \pm 32)$  kg/m<sup>3</sup> and surface weight  $(7699 \pm 379)$  g/m<sup>2</sup>.

## 3 Reports and results in support of this classification

### 3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	P.D. JAWOR Antoni Jan Gawiński ul. Grunwaldzka 87 13-300 Nowe Miasto Lubawskie	1291/2017/S.K record no. 1/1291/2017/S.K	EN ISO 9239-1 (radiant heat source method) 25 <sup>th</sup> May 2017 direct application
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	P.D. JAWOR Antoni Jan Gawiński ul. Grunwaldzka 87 13-300 Nowe Miasto Lubawskie	1291/2017/S.K record no. 2/1291/2017/S.K	EN ISO 11925-2 (direct impingement of single flame method) 25 <sup>th</sup> May 2017 direct application

### 4.3 Field of application

This classification is valid for the following product parameters:

- Top surface: oak natural – 3.5 mm
- Total thickness: min 11 mm  
(Test report no. 1291/2017/S.K of 30<sup>th</sup> May 2017)

This classification is valid for the following end use applications:

- Product used exclusively on supports or floors-bases of reaction to fire classes A1 or A2-s1, d0.

### 5 Limitations

This classification document does not represent type approval or certification of the product.

This document is valid provided that neither the composition nor production technology of the product are changed, but not longer than until **31<sup>st</sup> May 2022**.

### SIGNED

**Dr. Hanna Wróblewska, prof. ITD**

KIEROWNIK  
Sekcji Badań Palności  
  
dr Hanna Wróblewska, prof. ITD.

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### 3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN ISO 9239-1 (radiant heat source method) A-1291-BOŚ/2017/6K	Critical heat flux (kW/m <sup>2</sup> )	3	6.27	(-)
	Smoke production (%·min)		7.57	(-)
EN ISO 11925-2 (direct impingement of single flame method) Exposure time: 15 s A-1291-BOŚ/2017/7K	The flame spread $F_s \leq 150$ mm within 20 s from the time of application	6	(-)	YES

(-):not applicable

## 4 Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1+A1:2010.

### 4.2 Classification

The product, double-layer, oak, lacquered flooring elements with a thickness of 11 mm (Fertig Parquet and Fertig Board) 1500x140x11mm, in relation to its reaction to fire behavior is classified:

**C<sub>fl</sub>**

The additional classification in relation to smoke production is:

**s1**

The format of the reaction to fire classification for floorings is:

Fire behavior		Smoke production	
C <sub>fl</sub>	-	s	1

ie.: C<sub>fl</sub>-s1

**Reaction to fire classification: C<sub>fl</sub>-s1**