

**INSTYTUT TECHNOLOGII DREWNA**

WOOD TECHNOLOGY INSTITUTE • INSTITUT FÜR HOLZTECHNOLOGIE • INSTITUT DE TECHNOLOGIE DU BOIS

WINIARSKA 1 • 60-654 POZNAŃ – POLAND • phone: +48 61 849-24-00 • fax: +48 61 822-43-72

e-mail: office@itd.poznan.pl • http://www.itd.poznan.pl

Notified Body N° 1583Poznań, 22<sup>nd</sup> June 2018**Reaction to fire classification report****1 Introduction**

This classification report defines the classification assigned to the laminated floor panels – Elegant- on the base of HDF board on incombustible support of 8 mm thick fibre-cement board 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**

<b>Manufacturer:</b>	PJSC "Korostenskii MDF plant" Yaroslavov Val str. 38 01034 Ukraine, Kiev
<b>Production facility:</b>	PJSC "Korostenskii MDF plant" Oktyabrskaja Str.11b Zhytomir region 11501 Ukraine, Korosten
<b>Prepared by:</b>	Wood Technology Institute (Instytut Technologii Drewna) Winiarska Str.1 60-654 Poznań Poland
<b>Notified Body No</b>	1583
<b>Product name:</b>	laminated floor panels – Elegant- on the base of HDF board on incombustible support of 8 mm thick fibre-cement board
<b>Classification report No.:</b>	7/2018
<b>Issue number:</b>	1
<b>Date of issue:</b>	22 <sup>nd</sup> June 2018

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

The product, laminated floor panels – Elegant- on the base of HDF board is defined as a flooring.

### 2.2 Product description

The product, laminated floor panels – Elegant - on the base of HDF board tested on incombustible support of 8 mm thick fibre-cement board is described below or is described in the reports provided in support of classification listed in 3.1.

Total thickness of laminated floor panels: 10 mm. Dimensions of laminated floor panels: 1380 x 191 mm.

## 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	PJSC "Korostenskii MDF plant" Oktyabrskaya Str.11b Zhytomir region 11501 Ukraine, Korosten Belonging to PJSC "Korostenskii MDF plant" Yaroslavov Val Str. 38 01034 Ukraine Kiev	1537/2018/S.K record no. 1/1537/2018/S.K	EN ISO 9239-1 (radiant heat source method) 20 <sup>th</sup> June 2018 direct application
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	PJSC "Korostenskii MDF plant" Oktyabrskaya Str.11b Zhytomir region 11501 Ukraine, Korosten Belonging to PJSC "Korostenskii MDF plant" Yaroslavov Val Str. 38 01034 Ukraine, Kiev	1537/2018/S.K record no. 2/1537/2018/S.K	EN ISO 11925-2 (direct impingement of single flame method) 19 <sup>th</sup> June 2018 direct application



### 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-1537-BOŚ/2018/6K	Critical heat flux (kW/m <sup>2</sup> )	4	7.92	(–)
	Smoke production (%·min)		1.02	(–)
EN ISO 11925-2 (direct impingement of single flame method) Exposure time: 15 s A-1537-BOŚ/2018/7K	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, laminated floor panels – Elegant- on the base of HDF board, tested on incombustible support of 8 mm thick fibre-cement board, 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	
<b>C<sub>fl</sub></b>	-	<b>s</b>	<b>1</b>

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

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

### 4.3 Field of application

This classification is valid for the following product parameters:

- Total thickness: 10 mm
- Construction: laminated floor panels on the base of HDF board..  
(Test report no. 1537/2018/S.K of 22<sup>nd</sup> June 2018)

This classification is valid for the following end use applications:

- The product mounted on floorings or bases of reaction to fire classes A1 or A2-s1,d0.
- The product used in a horizontal position with the exposed side up.

### 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 22<sup>nd</sup> **June 2023**.

**Dr Hanna Wróblewska,  
Prof. of Wood Technology Institute**

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