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## **CLASSIFICATION OF FIRE RESPONSE according to EN 13501-1:2018**

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### **1. Introduction**

This classification report specifies the classification of composite decking according to the procedures given in EN 13501-1:2018.

**Principal:** VIVE Textile Recycling Sp. z o.o.  
22 Łopuszańska Street  
02-220 Warsaw

**Prepared by:** SYCHTA LABORATORIUM Sp. J.  
Material Flammability Testing Laboratory  
90 Ofiar Stutthofu Street  
72-010 Police

**Notified Body no:** -

**Product name:** composite boards

**Classification report no:** SL/Z-371/EN13501/0366/2023

**Issue date:** 23.05.2023 r.

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### **2. Details of the classified product**

#### **2.1. General provisions**

Product, composite boards

## 2.2. Product description

The product, composite planks, is described below or is described in the reports referred to for classification under point 3.1.

Panel made of composite, smooth top, undulating underside (tooth pitch approximately 7 mm). Overall thickness 20.5÷27.7 mm and weight per unit area 25.9 kg/m<sup>2</sup>

## 3. Reports and results underlying the classification

### 3.1. Specific conditions

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### 3.2. Reports

Name of laboratory	Name of the principal	Report no.	Test method and date definition of the scope of application
Sychta Laboratorium Sp. J. Laboratorium Badań Palności Materials	VIVE Textile Recycling Sp. z o.o.	SL/Z-371/EN9239/0365/2023	EN 9239-1 PN-EN ISO 11925-2 16.05 and 23.05.2023.

### 3.3. Findings

Test method	Parameter	Number of tests <sup>a</sup>	Results	
			Continuous parameter-value average (m)	Compliance with the parameter
EN 9239-1	CHF critical flux, kW-m <sup>-2</sup>	3	4,1	(-)
	Sc smoke, %-min		188	(-)
PN-EN ISO 11925-2 Exposure 15 s	FS in 20 s, mm	6	(-)	compatible
	Lighting the paper		(-)	compatible

<sup>a</sup> not applicable for extended use, (-): not applicable



#### 4. Classification and its scope

##### 4.1. Appointment of classifications

Classification has been determined in accordance with EN 13501-1:2018.

##### 4.2. Classification

The composite decking product, in terms of reaction to fire, has achieved a classification:

**Dfl**

Due to the emission of smoke, the product has been given an additional classification:

**s1**

The format of the fire reaction classification for floors is as follows:

Fire properties		Release of smoke	
<b>Dfl</b>	<b>-</b>	<b>s</b>	<b>1</b>

**Classification for reaction to fire: Dfl-s1**

This classification is valid for end uses in accordance with the technical conditions to be met by buildings and their location. Flammable material  
 - meet the requirements of the Regulation of the Minister of Infrastructure of 12 April 2002 on the technical conditions to be met by buildings and their location (Journal of Laws No. 75, item 690 of 2002, as amended).

### 4.3. Scope of application

This classification is valid for the following product-defining parameters:

- Floor panel made of grey composite material, smooth surface, corrugated underside (tooth pitch approx. 7 mm).
- overall thickness 20.5÷27.7 mm
- mass per unit area 25.9 kg/m<sup>2</sup>

This classification applies to the following end uses:

Laying and/or fixing to mineral substrates of class A1 or A2-s1,d0 will not impair the fire performance of the product.


### 5. Restrictions

This classification document is not a technical approval or a product certificate. The

classification granted remains valid as long as:

- test methods will not be changed,
- the product standard will not be changed,
- there will be no change to the composition or manufacturing technology of the material (product).

**Kompilacja:**  
compiled by:

  
Dr inż. Krysia Sychta  
Sychta

SYCHTA LABORATORIUM Sp. J.  
72-010 Police, ul. Ofiar Stutthofu 90  
tel./fax +48 91 4210 214, tel. 502078855  
e-mail: biuro@sychta.eu www:sychta.eu  
KRS 0000387681 REGON 321023120  
NIP 8513152392

**Approvał:**

  
dr hab. inż. Zygmunt Sychta

