

## TEST REPORT

Order: 1 / 24.02.2022

Signature: SL/Z-131/EN11925/0131a/2022 - draft

Police, 07.03.2022

### Test method:

EN ISO 11925-2:2020 - Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test

**Content of request:** Research according to EN 13501-1:2018. E class.

**Sponsor:** Ars Longa Trade Daniel Turkowiak  
Przyczyna Dolna 77  
67-400 Wschowa  
Poland

**Material:** Lamelio wall panels

**Composition:** Polystyrene

**Manufacturer/supplier:** Ars Longa Trade Daniel Turkowiak  
Przyczyna Dolna 77  
67-400 Wschowa  
Poland

**Assessment:** The tested product fulfils the requirements of E class according to EN 13501-1:2018.

**The reprint and the copying:** only with the approval of Ars Longa Trade Daniel Turkowiak  
Without the written consent of the Sychta Laboratory the report can be copied only in one piece.  
Report applies only to the sample tested and is not necessarily indicative of the qualities of apparently identical or similar products.

**Content of test report:** three pages with signature and numbers.

### 1. Ignitability of products subjected do direct impingement of flame according to EN ISO 11925-2

Surface ignition

Exposure time of pilot burner flame - 15 s

Name of measured quantity	Unit	Specimen no./Test direction						Final result
		lenght direction			cross direction			
		1	2	3	4	5	6	
Ignition of specimen	YES/NO	YES	YES	YES	-	-	-	YES
Ignition of paper	YES/NO	NO	NO	NO	-	-	-	NO
Flame spread > 150 mm	YES/NO	NO	NO	NO	-	-	-	NO
Time of arrival of the flame front 150 mm	s	-	-	-	-	-	-	-

Edge ignition

Exposure time of pilot burner flame - 15 s

Name of measured quantity	Unit	Specimen no./Test direction						Final result
		lenght direction			cross direction			
		1	2	3	4	5	6	
Ignition of specimen	YES/NO	YES	YES	YES	-	-	-	YES
Ignition of paper	YES/NO	NO	NO	NO	-	-	-	NO
Flame spread > 150 mm	YES/NO	NO	NO	NO	-	-	-	NO
Time of arrival of the flame front 150 mm	s	-	-	-	-	-	-	-

**Remarks:** none.



Fig. 1. Appearance of the specimens after the test

## 2. Final findings

Test method	Parameter/Unit	Measured value	Critical value	Classification
EN ISO 11925-2 Exposure time 15 s	F <sub>s</sub> > 150 mm in 20 s,	≤ 150	≤ 150	E

The tested product fulfils the requirements for **E** class according to EN 13501-1:2018.

## 3. Remaining required information

**Date of sample arrival:** 28.02.2022

**Sampling:** sponsor took and delivered samples.

**Description of the samples:** Sponsor delivered plastic slats with various patterns, yellow and black colours on the underside: 1) slats 10,9-10,3 mm wide (narrow), light wood imitation, 1 sample dimension of 250x90x11,0 mm, weight 73,6 g; 2) narrow (7,4 mm) + wide (31,2 mm) + narrow (7,2 mm) slats, imitation of light wood, 1 sample with dimensions of 250x90x11,8 mm, weight 88,2 g; 3) slats - wide 29,9-30,0 mm, wood imitation, 1 sample with dimensions of 250x90x20,3 mm, black on the bottom, weighing 114,0 g; 4) light brown lamellae, width 26,6 mm, 1 sample dimension of 250x90x11,4 mm, weight 90,7 g; 5) dark wood slats, width 30,6 mm, 1 sample dimension of 250x90x19,9 mm, weight 111,2 g; 6) black slats, width 27,3-27,7 mm, 1 sample 250x90x11,2 mm, weight 108,6 g.



**Conditioning of specimens:** constant mass at a temperature of 23±2 °C, and relative humidity of 50±5 % according to EN 13238:2011.

### Declarations:

1. The test results relate to the behaviour of the test specimens under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the products in use.
2. The information provided on the first page of the report concerning the scope of research and identification of the tested object/objects were provided by the Sponsor.

**Operator:**

**Authorised by:**

*lic. Krzysztof Fidrysiak*

Date and place of test: 04.03.2022, Police

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## CLASSIFICATION OF REACTION TO FIRE ACCORDANCE WITH EN 13501-1:2018

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### 1. Introduction

This classification report defines the classification assigned to Lamelio wall panels in accordance with the procedures in EN 13501-1:2018.

**Sponsor:** Ars Longa Trade Daniel Turkowiak  
Przyczyna Dolna 77  
67-400 Wschowa, Poland

**Prepared by:** SYCHTA LABORATORIUM Sp. J.  
Laboratorium Badań Palności Materiałów  
ul. Ofiar Stutthofu 90  
72-010 Police, Poland

**Notified Body No:** -

**Product name:** Lamelio wall panels

**Classification report No:** SL/Z-131/EN13501/0132a/2023 - draft

**Date of issue:** 07.03.2022

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, Lamelio wall panels

## 2.2. Product description

The product, Lamelio wall panels, is described below or is described in the reports provided in support of classification listed in 3.1

Polystyrene
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## 3. Reports and results in support of this classification

### 3.1. Specific conditions

-

### 3.2. Reports

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date Field of application rules and date
Sychta Laboratorium	Ars Longa Trade Daniel Turkowiak	SL/Z-131/EN11925/0131a/2022	PN-EN ISO 11925-2 04.03.2022

### 3.3. Results

Test method and test numer	Parameter	No. Tests <sup>a</sup>	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN ISO 11925-2 Exposure time 15 s	Flame spread > 150 mm in 20 s, mm	6	(-)	Complaint
	Ignition of paper		(-)	Complaint

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

## 4. Classification and field of application

### 4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

### 4.2. Classification

The product, Lamelio wall panels, in relations to its reaction to fire behaviour is classified:

**E**

~~The additional classification in relations to smoke production is:~~

-

~~The additional classification in relations to flaming droplets / particles is:~~

-

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
<b>E</b>	-	<b>s</b>	-	,	<b>d</b>	-

**Reaction to fire classification: E**

### 4.3. Field of application

This classification is valid for the following product parameters:

- plastic lamellas, various patterns, yellow and black on the underside
- colours: imitation light and dark wood, light brown, black
- thickness: 11.0 mm to 20.3 mm

The classification is valid for the following end use applications:

- material directly fixed to mineral substrates of class A1 or A2-s1, d0.
- material fixed with the help of wooden or metal substruction to mineral substrates of class A1 or A2-s1, d0 with or without air gaps.

### 5. Limitations

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

***Signature of person  
undertaking classification:***

*mgr inż. Andrzej Sychta*

***Signature of person  
authorising report:***