

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 _s > 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:

lic. Krzysztof Fidrysiak

Authorised by:

Date and place of test: 04.03.2022, Police