

[The document submitted for sworn translation consists of four pages]

[logo] Instytut Techniki Budowlanej [Construction Technology Institute]
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Classification report on the degree of fire spread according to PN-EN 13501-1:2019-02

Contract no.: 01056/25/Z00NZP

Contractor	Green For Fun s.c. Os. Pod Lipami 104/22 61-640 Poznań
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Subject of the report	Eco-Facade
Classification report no.	01056/25/Z00NZP
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This classification report is four pages long and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to the Eco-Facade in accordance with the rules in PN-EN 13501-1:2019-02.

2. Detailed information about the classified product

2.1 General terms and conditions

External cladding of ventilated facades

Product description

The product is described above.

[at the bottom of the page]:

TESTS | OPINIONS | EXPERT REPORTS

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Eco-Facade:

The dimensions of a single module are: 250 mm x 500 mm.

Module made of austenitic galvanized sheet metal with a thickness of 0,5 mm.

Rock wool infill class A1 according to PN-EN 13501-1.

The plant is Pachysandra Terminalis in planting density of 64 pieces /m2.

VIEW – FRONT OF THE MODULE:

Rock wool infill Grodan 25mm

PVC irrigation line with drippers

Mounting pin with washer starlock Aisi 304

Microfibre insert 300g

Plant panel module – Aisi 304

Microfibre insert allowing free flow of water to the module below

VIEW – BACK OF THE MODULE

Rivet 3mm x 25 mm Aisi 304

stamped joining element Aisi 302 (total 2 pieces)

washer starlock Aisi 304 (2 pieces)

Microfibre insert allowing free flow of water to the module below

VIEW – MODULE SIDE

Mounting hook

PVC irrigation line with drippers

Rivet 3mm x 25 mm Aisi 304

stamped joining element Aisi 302

washer starlock Aisi 304

Rock wool infill Grodan 25mm

Module pocket

Microfibre insert allowing free flow of water to the module below

AXONOMETRY

PVC irrigation line with drippers

Mounting hook

Rock wool infill Grodan 25mm

Mounting pin with washer starlock Aisi 304

Microfibre insert 300g

Plant panel module – Aisi 304

Module pocket

Microfibre insert allowing free flow of water to the module below

3. Test reports and test results as the basis for classification**3.1 Test reports**

Laboratory name	Name	Test report no.	Test method
Fire Testing Laboratory CTI	Green For Fun S. C.	LZP01-01056/25/Z00NZP	PN-EN ISO 11925-2:2020-09
		LZP02-01056/25/Z00NZP	PN-EN 13823+A1:2022-12

3.2 Test results

3/4

Test method	Parameter	Number of tests	Results	
			Continuous parameter - average value (m)	Compliance with the parameter
PN-EN ISO 11925-2:2020-09 surface flame exposure, edge flame exposure, 30s exposure	Flame spread $F_s \leq 150$ mm	6	(-)	Y
	burning droplets/particles		(-)	N
PN-EN 13823+A1:2022-12	FIGRA 0,2MJ	3	14,4	(-)
	FIGRA 0,4MJ		14,4	(-)
	LFS < edge		(-)	Y
	THR 600s [MJ]		0,80	(-)
	SMOGRA [m2/s2]		0,0	(-)
	TSP 600s [m2]		7,8	(-)
	burning droplets/particles		(-)	N
(-): N/A Y: YES N: NO				

4. Classification and its scope of application

4.1 Designation of classification

The classification was determined in accordance with PN-EN 13501-1:2019-02.

4.2 Classification

Eco-Façade, described in point 2 of this classification report, in terms of reaction to fire, it was classified:

B

Due to smoke emission, the product was additionally classified as:

s1

Due to the presence of burning droplets/particles, the product has been given an additional classification:

d0

The format of the classification for the reaction to fire of construction products, except for floor coverings and linear products for the thermal insulation of cables, is as follows:

Fire properties		Smoke emission			Burning droplets	
B	-	s	1	,	d	0

i.e. B-s1,d0

Reaction to fire classification: B-s1,d0



This classification report is valid for end uses in accordance with the technical conditions that buildings and their location should meet, and as for the 'non-flammable, non-dripping' product according to the Regulation of the Minister of Infrastructure of 12 April 2002 (Journal of Laws No. 75 of 15 June 2002, item 690, as amended) and as a product that does not spread fire inside buildings. At the same time, the product is assessed as not falling off under the influence of fire.

4.3 Scope of application

This classification applies to the following product parameters:

- Eco-Facade described in point 2 of this classification report.
- Eco-Facade mechanically fixed directly to surfaces with a reaction to fire class of at least A2-s3,d0 according to PN-EN 13501-1 or to plasterboard.

5. Restrictions

4/4

The assigned classification remains valid as long as:

- the test method is not changed
- the product standard (not applicable to the standard's date) or national technical assessment is not changed
- changes in design and materials do not exceed the limits of the area of application specified in point 4.3

This classification report has been issued in electronic form, with qualified electronic signatures of the responsible persons. A printout of this report is not an original document. Certified copies may be issued by the Fire Testing Department of ITB [CTI] only upon request of the report owner. A document with a qualified electronic signature that has already expired is still valid (the certificate was valid on the date the document was signed).

This classification document does not constitute a national technical assessment or a product certificate.

Signed by

Łukasz Jarołowicz
Signed electronically

Accepted by

Head of the Fire Testing Department
dr inż. Bartłomiej K. Papis
Signed electronically

[At the top of pages 2-4: Classification report no. 01056/25/Z00NZP]

I hereby certify that this document is a true translation of the document consisting of four pages and prepared in the Polish language. The document was submitted for translation via e-mail.

Poznań, 09 April 2025

Register No. 190/2025

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