Translation from Polish into English

Instytut Techniki Budowlanej
(Building Research Institute)
Science and Expertise for the Construction Industry of Tomorrow

REACTION TO FIRE CLASSIFICATION REPORT according to PN-EN 13501-1:2019

Contract No.: 01901/25/R80NZP

Client:	**Profile VOX Sp. z o.o. Sp. k. ul. Gdyńska 143 62-004 Czerwonak**
Issued by:	**Fire Research Department Building Research Institute ul. Filtrowa 1 00-611 Warsaw**
European Notified Body	**No. 1488**
Product name:	**PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL)**
Classification report no:	**01901.2/25/R80NZP**
Issue No.:	**1**
Date of issue:	**12 Aug. 2025**

This classification report consists of three pages and a one-page appendix. It may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification of PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL) in accordance with the procedures specified in PN-EN 13501-1:2019-02, PN-EN 13245-2:2009/AC:2010.

2. Product details

2.1 General provisions

PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL), applied on internal walls in building industry applications.

Product description

The product is described below.

PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL)
Panel weight: up to 6.65 kg/m^2
Panel thickness: up to 14 mm
Film weight: up to 500 g/m^2
See appendix for detailed drawings and markings.
Film-coated PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL) is manufactured by Profile VOX Sp. z o.o. Sp. k., ul. Gdyńska 143, 62-004 Czerwonak, Poland

3. Test reports and test results underlying the classification

3.1 Test reports

Laboratory name	Client name	Test report No.	Test method
ITB Fire Research Laboratory	Profile VOX Sp. z o.o. sp. k.	LZP02-01901/25/R75NZP	PN-EN ISO 11925-2:2020-09
		LZP01-01901/25/R75NZP	PN-EN 13823+A1:2022-12

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter - mean value (m)	Compliance with the parameter
PN-EN ISO 11925-2:2010 Surface and edge flame attack; exposure time: 30 s	Flame spread F_s ≤150 mm	6	(-)	Y
	Flaming droplets/particles		(-)	N
PN-EN 13823+A1:2022-12	$FIGRA_{0.2MJ}$	3	308.8	(-)
	$FIGRA_{0.4MJ}$		308.8	(-)
	LFS < edge		(-)	Y
	THR_{600s} [MJ]		15.2	(-)
	SMOGRA [m^2/s^2]		162.7	(-)
	TSP_{600s} [m^2]		350.7	(-)
	Flaming droplets/particles		(-)	N

(-): not applicable
Y: YES
N: NO

4 Classification and the scope of its application

4.1 Classification reference

Classification has been determined in accordance with the criteria listed in PN-EN 13501-1:2019-02.

4.2 Classification

In terms of reaction to fire, the tested product (PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL)) is classified as follows:

D

In terms of smoke growth, the product is additionally classified as follows:

s3

In terms of the presence of flaming droplets/particles, the product is additionally classified as follows:

d0

For construction products other than flooring, the classification format in terms of reaction to fire is as follows:

Fire performance		Smoke production			Flaming droplets	
D	**-**	**s**	**3**	**,**	**d**	**0**

i.e.: D-s3,d0

Reaction to fire classification: D-s3,d0

This classification report is valid for end uses in accordance with the technical requirements to be met by buildings and their location and as for "flammable products, non-dripping under the effect of flame" in accordance with Regulation of the Minister of Infrastructure of 12 April 2002. (Journal of Laws No. 75 of 15 June 2002, item 690).

4.3 Scope of application

This classification is valid to the following end uses:

- PVC-U chamber profile with variable trade names (slat panel S, slat panel M, decorative panel XL) described in Section 2 of this classification report, fixed directly to the substrate with reaction to fire classification of at least A2-s3,d0 according to PN-EN 13501-1 or to a plaster board.

5 Limitations

The classification remains valid as long as:

- the test method is not changed,
- the product standard or the product technical approval is not changed (does not apply to the date of the standard),
- changes in design and materials do not go beyond the scope of application defined in section 4.3.

The classification determined for the product and given in this report is relevant for the manufacturer's declaration of performance (until 1 July 2013 - the declaration of conformity) within the system 3 of assessment and verification of constancy of performance (until 1 July 2013 - the system of conformity assessment) and CE marking in accordance with the harmonised technical specification of the product and the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC.

The manufacturer has submitted the declaration, which is kept on file. It confirms that there are no special processes, procedures or steps in the manufacturing process of the product (e.g. addition of retardants, reduction of organic content or addition of fillers) that are used to improve the fire performance in order to obtain the classification. Consequently, the manufacturer declares that the conformity assessment system 3 is appropriate.

Therefore, the testing laboratory does not participate in collecting samples for testing, although it is in possession of information, provided by the manufacturer, necessary to enable traceability of the test samples.

This classification document is not an approval or certification of the product.

This classification document is not a technical approval or product certification.

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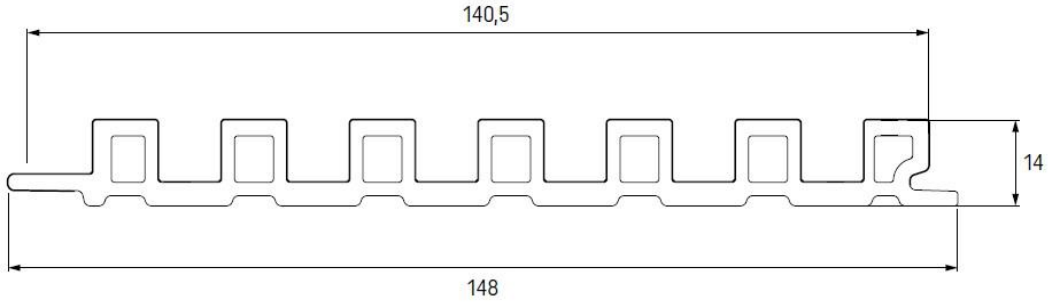
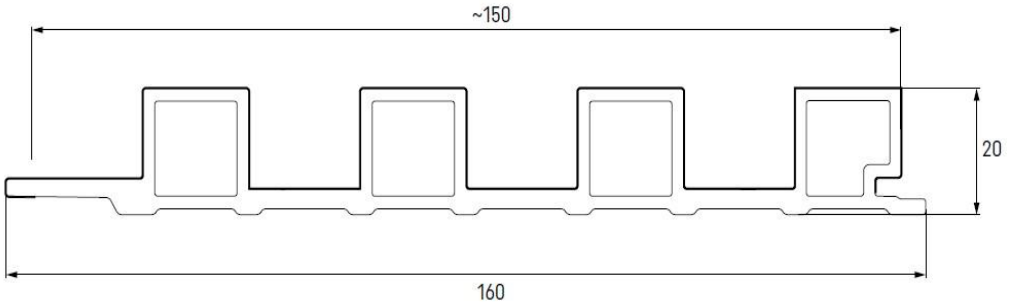
Classification	Full name	Date	Signature
Prepared by:	Łukasz Jarochowicz	12 Aug. 2025	Document signed electronically
Verified by:	dr inż. Bartłomiej K. Papis	12 Aug. 2025	Document signed electronically

Manager, Fire Research Department
dr inż. Bartłomiej K. Papis
Document signed electronically

slat panel S



slat panel M



decorative panel XL