

CLASSIFICATION REPORT

REACTION TO FIRE

according to EN 13501-1:2018

Contract №: 01901/25/R83NZIP

Customer:	Profile VOX Sp. z o.o. Sp. k. ul. Gdyńska 143 62-004 Czerwonak
Prepared by:	Fire Research Department Building Research Institute 1 Filtrowa Str. 00-611 Warszawa
Product name:	Panel SVP-08 FIRE SHIELD (FS) with finishing elements
Classification report №:	01901/25/R83NZIP
Issue nr:	1
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This classification report consists of two pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to the Panel SVP-08 FIRE SHIELD (FS) with finishing elements in accordance with procedures given in EN 13501-1:2019-02.

2. Details of the classified product

2.1. General

SVP-08 FIRE SHIELD (FS) panel with finishing elements used for internal and external walls, ceilings and soffits for use in construction.

2.1 Product description

The product is described below.

Panel SVP-08 FIRE SHIELD (FS) with finishing elements.
Maximum width: 341 mm ± 1 mm.
Wall thickness: up to 1.1 mm ± 0.1 mm.
Surface mass: to 2.10 kg/m² ± 10%.
Detailed drawings and markings are provided in the classification appendix.
Flame retardant provided to the laboratory.
Panels are manufactured at VOX Interior & Exterior Solutions Pvt Ltd, Plot #78/A KIADB Industrial Area, 1st Phase, Jigani, Anekal Taluk, Bengaluru 560105.

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

3.1. Test reports

Laboratory	Customer	Test report nr	Test method
Fire Testing Laboratory Building Research Institute	Profile VOX sp. z o.o. sp. k.	LZP05-01901/25/R80NZIP	PN-EN ISO 11925-2:2020-09
		LZP03-01901/25/R80NZIP	PN-EN 13823+A1:2022-12

3.2. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with the parameter
PN-EN ISO 11925-2:2020-09 30 s exposure surface and edge exposure	Flame propagation $F_s \leq 150$ mm	6	(-)	Y
	Flaming droplets/particles		(-)	N
PN-EN 13823 +A1:2022-12	FIGRA _{0,2MJ} [W/s]	3	104.3	(-)
	FIGRA _{0,4MJ} [W/s]		93.8	(-)
	LFS < edge		(-)	T
	THR _{600s} [MJ]		4.2	(-)
	SMOGRA [m ² /s ²]		193.7	(-)
	TSP _{600s} [m ²]		601.3	(-)
	Flaming droplets/particles		(-)	N

(-): not applicable, Y: Yes, N: No

4. Classification and the field of application

4.1. Reference of the classification

The classification has been carried out in accordance with EN 13501-1:2019-02.

4.2. Classification

The product, Panel SVP-08 FIRE SHIELD (FS) with finishing elements, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s3

The additional classification in relation to flaming droplets/particles is:

d0

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	-	s	3	,	d	0

i.e.: **B-s3,d0**

Reaction to fire classification: B-s3,d0

4.3 Field of application

This classification is valid for the following end-use applications:

- Panel SVP-08 FIRE SHIELD (FS) with finishing elements described in point 2 of this classification report mounted directly or at any distance from sleepers with a reaction to fire class of at least A2-s3,d0 according to PN-EN 13501-1.
- Panel SVP-08 FIRE SHIELD (FS) with finishing elements described in point 2 of this classification report mechanically attached in any orientation to a substructure made of materials with a melting point above 500 °C.

5. Limitations

This classification will be valid until:

- The test method remains unchanged,
- Product standard or technical assessment remains unchanged,
- Constructional or material modifications do not exceed the limits of the field of application defined in 4.3.

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This classification document does not represent a technical assessment or certification of the product.

Classification	Name	Date	Signature
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