



REACTION TO FIRE CLASSIFICATION: according to PN-EN 13501-1:2019-02

Contract No.: 01901/25/R75NZP

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
Product name:	ESPUMO Skirting Board
Classification report no:	01901.4/25/R75NZP
Issue No.:	1
Date of issue:	30 April 2025

This classification report consists of four pages. It may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification of a skirting board (trade name: ESPUMO) in accordance with the procedures specified in PN-EN 13501-1:2019-02.

2. Product details

2.1 General provisions

Skirting board

Product description

The product is described below.

Skirting board (trade name: ESPUMO).
The board is made of unplasticized polyvinyl chloride (PVC-UE).
Wall thickness: up to 6.5 mm
Surface mass: up to 0.8 kg/rm
Glue consumption: up to 40 mL/rm

3. Test reports and test results underlying the classification

3.1 Test reports

Laboratory name	Name	Test report No.	Test method
ITB Fire Research Laboratory	Profile VOX Sp. z o.o. Sp. k.	LZP05-01901/25/R75NZP	PN-EN ISO 11925-2:2020-09
		LZP06-01901/25/R75NZP	PN-EN 13823+A1:2022-12

3.2 Test results

Test results				
Test method	Parameter	Number of tests	Results	
			Continuous parameter - mean value (m)	Compliance with the parameter
PN-EN ISO 11925-2:2020-09 Surface and edge flame attack; exposure time: 30 s	Flame spread $F_s \leq 150$ mm	6	(-)	Y
	Flaming droplets/particles		(-)	N
PN-EN 13823+A1:2022-12	FIGRA $_{0.2MJ}$	3	41.1	(-)
	FIGRA $_{0.4MJ}$		41.1	(-)
	LFS < edge		(-)	Y
	THR $_{600s}$ [MJ]		3.5	(-)
	SMOGR A [m ² /s ²]		34.5	(-)
	TSP $_{600s}$ [m ²]		292.0	(-)
	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 PN-EN 13501-1:2019-02.

4.2 Classification

In terms of reaction to fire, the ESPUMO skirting board described in Clause 2 of this Classification Report is classified as follows:

B

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 and linear products for thermal insulation of ducts, the classification format in terms of reaction to fire is as follows:

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

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

Reaction to fire classification: B-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 non-flammable, non-dripping products in accordance with Regulation of the Minister of Infrastructure of 12 April 2002 (Journal of Laws No. 75 of 15 June 2002, item 690) and as for products that **do not spread fire inside buildings**. In addition, the product is assessed as not falling off under the influence of fire.

4.3 Scope of application

This classification is valid for the following product parameters:

- ESPUMO skirting board described in Clause 2 of this Classification Report
- ESPUMO skirting board, mounted by means of glue directly to substrates with reaction to fire of at least A2-s3,d0 according to PN-EN 13501-1 or to plasterboard.

5 Limitations

The classification remains valid as long as:

- the test method is not changed,
- the product standard or the national technical assessment 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.

This report is issued in electronic form with qualified electronic signatures of the responsible persons. A printout of this report is not an original document. Certified-true copies may be issued by ITB's Fire Research Institute only at the request of the Report Owner. A document with a qualified electronic signature whose certificate has already expired is still valid (the certificate was valid on the date the document was signed).

This classification document is not a national technical assessment or product certification.

Signed by

Łukasz Jarochoń
signed electronically

**Accepted by
Manager, Fire Research Department**

dr inż. Bartłomiej K. Papis
signed electronically