

## CLASSIFICATION REPORT REACTION TO FIRE according to PN-EN 13501-1+A1:2010

Contract nr: 2342/14/Z00NP

<b>Customer:</b>	<b>Profile Vox Sp. z o.o. Sp. k. 143 Gdynska Str. 62-004 Czerwonak</b>
<b>Prepared by:</b>	<b>Fire Research Department Building Research Institute 1 Filtrowa Str. 00-611 Warszawa</b>
<b>Product name:</b>	<b><i>FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium</i></b>
<b>Classification report №:</b>	<b>2342.6/14/Z00NPE (English version of 2342.6/14/Z00NP)</b>
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This classification report consists of four pages and may only be used or reproduced in its entirety.

### 1. Introduction

This classification report defines the classification assigned to **FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium** in accordance with procedures given in PN-EN 13501-1+A1:2010.

### 2. Details of classified product

#### 2.1. General

**FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium** are used in constructions.

## 2.1 Product description

The product is described below.

**FB-300 Kerradeco decorative and finishing indoor wall panels** are made from unplasticised expanded polyvinylchloride with the coextrusion top layer made from PVC-U. It is staining in the mass and staining in the mass with overprint. Finishing elements made from aluminium. The panel total width of 300 mm and thickness of 9 mm.



The harmonised standard is PN-EN 13245-2.

Panels and finishing elements are produced by the company Profile Vox Sp. z o.o. S. K., Czerwonak k/Poznania.

## 3. Test reports and test results as a basis of 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. S. K.	LP20-2342/14/Z00NP	PN-EN 13823:2010
		LP23-2342/14/Z00NP	PN-EN ISO 11925-2:2010

### 3.2. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with the parameter
PN-EN ISO 11925-2 30 s exposure Surface and edge exposure	Flame propagation $F_s \leq 150$ mm	12	(-)	Y
	Flaming droplets/particles		(-)	N
PN-EN 13823	FIGRA <sub>0,2MJ</sub> [W/s]	3	53,9	(-)
	FIGRA <sub>0,4MJ</sub> [W/s]		52,4	(-)
	LFS < edge		(-)	Y
	THR <sub>600s</sub> [MJ]		5,9	(-)
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]		52,6	(-)
	TSP <sub>600s</sub> [m <sup>2</sup> ]		398,7	(-)
	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 PN-EN 13501-1+A1:2010.

## 4.2. Classification

**FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium**, in relation to its reaction to fire behaviour are 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>B</b>	<b>-</b>	<b>s</b>	<b>3</b>	<b>,</b>	<b>d</b>	<b>0</b>

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

**Reaction to fire classification: B-s3,d0**

## 4.3 Field of application

This classification is valid for the following parameters: **FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium** described in section 2.

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

- **FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium** mounted in any orientation directly on gypsum plasterboards or any incombustible substrates with reaction to fire class at least A2-s3,d0,
- **FB-300 Kerradeco decorative and finishing indoor wall panels made from PVC-UE with finishing elements made from aluminium** fixed mechanically or glued directly to the substrate.

## 5. Limitations

This classification will be valid until:

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

This classification report has been issued in 3 copies. Additional approved copies can be issued by Fire Research Department – Building Research Institute under the request of the report's owner only.

This classification document does not represent the approval or certification of the product.

**Signed**



Katarzyna Kaczorek-Chrobak MPhil Eng.

**Approved**

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