



Center for  
Testing and  
European  
Certification

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No 1871 - CPR - RtF -577/23.11.2022

Issue: 2

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## CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

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**Notified body №:** 1871

**Product name:** Fiber cement siding Valcan Everlap

**Classification report №:** 1871-CPR-RtF-577

**Issue number:** 2

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This classification report consists of 4 pages and may only be used or reproduced in its entirety.

**Issue number 02 from date 23.11.2022 replaces issue 01 from date 07.09.2022 which must be considered invalid**





## 1 Introduction

This classification report defines the classification assigned to the product Fiber cement siding Valcan Everlap, in accordance with the procedure given in EN 13501-1:2018

## 2 Details of classified product

### 2.1 General

The product, Fiber cement siding Valcan Everlap, is defined as factory-made fibre-cement flat sheets, siding shingles and planks for internal and external wall and ceiling finishes in accordance with the standard EN 12467:2012+A2:2018.

### 2.2 Product description

The product, Fiber cement siding Valcan Everlap, is described below or described in the report provided in support of classification listed in clause 3.1.

Product description:

The product Fiber cement siding Valcan Everlap is produce as cement sheets reinforced with fibres of different types. The tested samples are covered with a black paint. Declared density: 12 kg/m<sup>2</sup>. Declared thickness: 8 mm

## 3 Reports and results in support of this classification.

### 3.1 Reports

Name of Laboratory	Name of sponsor	Report ref.no.	Test method and date Field of application rules and date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	<i>Fairview Europe Ltd T/A Valcan, UK</i>	1420910/11.08.2022	BDS EN 13823:2020
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	<i>Fairview Europe Ltd T/A Valcan, UK</i>	1420911/12.08.2022	BDS EN ISO 1716:2018



**3.2 Results**

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
BDS EN 13823:2020	FIGRA <sub>0.2MJ</sub> LFS THR <sub>600s</sub>	3	16.8 (-) 1.6	Compliant
	SMOGRA TSP <sub>600s</sub>		2.9 32.2	
	flaming droplets/particles		None	
BDS EN ISO 1716:2018 of the paint	Q <sub>PCS</sub> , MJ/m <sup>2</sup>	3	2.47	Compliant
BDS EN ISO 1716:2018 of the sheet	Q <sub>PCS</sub> , MJ/kg	3	-6.93	Compliant
BDS EN ISO 1716:2018 of the whole product	Q <sub>PCS</sub> , MJ/kg	-	0.2	Compliant

**4 Classification and field of application****4.1 Reference of classification**

This classification has been carried out in accordance with EN 13501-1:2018.

**4.2 Classification**

The products, Fiber cement siding Valcan Everlap, in relation to their reaction to fire behavior are classified:

**A2**

The additional classification in relation to smoke production is:

**s1**

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	
A2	-	s	1	,	d	0

**Reaction to fire classification: A2-s1, d0**





### 4.3 Field of application

Following clause 7.5.2.2.5 of EN 12467+A2:

This classification is valid for the following end use conditions:

- With horizontal and vertical joints
- Without thermal insulation in the cavity or with other types of class A2-s1, d0 according to EN 13501-1 insulation materials as long as a ventilated air gap of at least  $(40 \pm 1)$  mm directly behind the sheets is present

The classification also applies to fibre cement flat sheets:

- of the same type, but with different dimensions of length and width;
- with a thickness equal to or greater than that used for the test;
- with a different surface texture (smooth or embossed);
- with a density  $\pm 0,15 \text{ g/cm}^3$  of the density used in the test;
- without thermal insulation in the cavity or with other types of class A2-s1, d0 according to EN 13501-1 insulation materials as long as a ventilated air gap of at least  $(40 \pm 1)$  mm directly behind the sheets is present;
- without finishes or with different finishes or coatings (e.g. different colours) as long as the test was performed considering the worst case.

### 5 Limitations

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

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence, the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

SIGNED:



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**Katya Boycheva**  
Specialist testing and quality

APPROVED:

  
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Head of laboratory  
on behalf of: **CTEC LTD**