

REACTION TO FIRE - CLASSIFICATION REPORT EUI-21-000437-Revision 1

This report cancels and replaces the Classification Report, EUI-21-000437

1. INTRODUCTION

This classification report defines the classification assigned to ProcellaPro with the procedures given in BS EN 13501-1:2018.

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

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Prepared by: Efectis UK/Ireland

Approved Body No: 2822

Product name: Fibre cement panel
Reference: ProcellaPro

Classification report No.: EUI-21-000437-Revision 1

Issue number: 2

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2. DOCUMENT TRACKING

Revision Index.	Modification
0	Original document
1	Some changes have been made on the address of the Sponsor

3. DESCRIPTION OF THE PRODUCT

3.1. GENERAL

The product, ProcellaPro is defined as a Fibre cement panel according to BS EN 12467: 2012 – Fiber Cement Flat Sheets - Product Specifications and Test Methods.

3.2. PRODUCT DESCRIPTION

The product, ProcellaPro, is described below or is described in the reports provided in support of classification listed in 4.1.

Product description	
Trade mark	ProcellaPro
Composition	The product is a compressed fibre cement panel. More information provided but withheld on the report for commercially sensitive reasons.
Thickness	12 mm
Mass per unit area	16.8 kg/m ²
Density	1400 kg/m ³

4. REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1. REPORTS

Name of Laboratory	Name of sponsor	Report ref. no	Test method and date field of application rules and date
EFFECTIS France	Fairview Europe Ltd. t/a Valcan	EFR-21-NC-004776	NF EN ISO 1182: 2013
EFFECTIS UK/Ireland	Fairview Europe Ltd. t/a Valcan	EUI-21-HC-000437- Revision 1	BS EN ISO 1716 : 2018

4.2. RESULTS

Test method and test number	Parameter	No. Tests ^{a)}	Results		
			Continuous parameter - mean (m)	Compliance with parameters	
BS EN ISO 1716 : 2018 EUI-21-HC-000437-Revision 1	PCS (MJ/kg) GCV (MJ/kg)	3	0.85 (MJ/kg)	14.28 (MJ/m ²)	-
NF EN ISO 1182 : 2013 EFR-21-NC-004776	Temperature rise	5	1.76		-
	Δm (%) Mass loss		11.82		-
	t _r (s) Duration of sustained flaming		0		-

a) Not for extended application
(-) means not applicable

5. CLASSIFICATION AND FIELD OF APPLICATION

5.1. REFERENCE OF CLASSIFICATION

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

5.2. CLASSIFICATION

The product, ProcellaPro, in relation to its reaction to fire behaviour is classified:

A1

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour	
A	1

i.e.A1

Reaction to fire classification	A1
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5.3. FIELD OF APPLICATION

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

Thickness	Valid for all thicknesses
Density	Valid for the density of $1400 \pm 150 \text{ kg/m}^3$
Type of product/ facings	Valid for tested type of product only (same formulation). Valid for a different surface texture.

Asymmetry
Colour

Valid for fire on either side
Valid for the tested colour

6. 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 attestation of conformity and UKCA/UKNI marking under the Construction Products Regulation.

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



Hamed Zoghi
Project Leader

APPROVED



Damien Flammier
Technical Manager