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Testing. Advising. Assuring.

**Title:**

CLASSIFICATION OF  
REACTION TO FIRE  
PERFORMANCE  
IN ACCORDANCE WITH  
EN 13501-1:2007+A1: 2009.

**Notified Body No:**

0833

**Product Name:**

"BrickPlus Pro"

**Report No:**

WF 397786

**Issue No:**

1

**Prepared for:**

Monolith Brick and Stone  
Limited,  
Unit 34 Llys Edmund Prys,  
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**Date:**

9th April 2018

## 1. Introduction

This classification report defines the classification assigned to "BrickPlus Pro", a brick slip, in accordance with the procedures given in EN 13501-1:2007+A1:2009.

## 2. Details of classified product

### 2.1 General

The product, "BrickPlus Pro", is defined as being suitable for construction applications.

### 2.2 Product description

The product, "BrickPlus Pro", is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Brick slip with fibre glass mesh
Product reference		"BrickPlus Pro"
Brick slip	Generic type	Brick slip
	Product reference	"BrickPlus Pro"
	Detailed description	Glass reinforced cement
	Name of manufacturer	Jesmonite
	Colour reference	"Orange"
	Thickness	13mm
	Weight per unit area	1800kg/m <sup>2</sup>
	Flame retardant details	<b>See Note 1 below</b>
Fibre glass mesh	Generic type	Fibre Glass Mesh
	Product reference	"10x10 FR Fibreglass Mesh"
	Name of manufacturer	Qingdao Junfeng Industry
	Colour reference	"Green"
	Thickness	0.3-0.4mm
	Weight per unit area	134g/m <sup>2</sup>
	Type of weave / cell dimensions	10mm x 10mm
	Flame retardant details	<b>See Note 1 below</b>
Brief description of manufacturing process		Wet mortar mix that is placed into brick shaped moulds. Mesh is inserted whilst wet. Both dry to form a brick panel of 12 slips. Mesh is manufactured by a supplier, inserted into brickplus.

**Note 1:** The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

**Note 2:** The sponsor was unable to provide this information.

### 3. Test reports & test results in support of classification

#### 3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports/extended application report Nos.	Test method / extended application rules & date
Exova Warringtonfire	Monolith Brick and Stone Limited	WF 395532	BS EN ISO 1182
Exova Warringtonfire	Monolith Brick and Stone Limited	WF 395533, 395534, 396819	EN ISO 1716

#### 3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN ISO 1182	Furnace Thermocouple Temperature Rise	5	1.4	Compliant
	Duration of Sustained Flaming		Nil	Compliant
	Mass Loss		18.01	Compliant
EN ISO 1716	Brick Slip - PCS	3	0.2969 MJ/kg	Compliant
	Fibre Glass Mesh - PCS	3	0.4007 MJ/m <sup>2</sup>	Compliant
	For the product as a whole - PCS	3	0.2492 MJ/Kg	Compliant

### 4. Classification and field of application

#### 4.1 Reference of classification

This classification has been carried out in accordance with clause 8 of EN 13501-1:2007+A1:2009.

#### 4.2 Classification

The product, "BrickPlus Pro", a brick slip, in relation to its reaction to fire behaviour is classified:

**A1, A1<sub>FL</sub>, A1<sub>L</sub>**

The format of the reaction to fire classification for construction products is:

**Reaction to fire classification: A1, A1<sub>FL</sub>, A1<sub>L</sub>**

**4.3 Field of application**

This classification is valid for the following end use applications:

- i) Construction Applications

This classification is also valid for the following product parameters:

Product thickness	Any
Product composition	No variation allowed

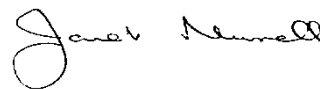
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