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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:**

"FL Multi"

**Report No:**

WF 403803

**Issue No:**

2

**Prepared for:**

Brick Development  
Association,  
The Building Centre,  
26 Store Street,  
London,  
WC1E 7BT

**Date:**

23rd August 2018



0249

## 1. Introduction

This classification report defines the classification assigned to "FL Multi", a fired clay brick, in accordance with the procedures given in EN 13501-1:2007+A1:2009

## 2. Details of classified product

### 2.1 General

The product, "FL Multi", a fired clay brick, is defined as being suitable for construction applications.

### 2.2 Product description

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

Generic type	Fired clay brick
Product reference	"FL Multi"
Name of manufacturer	Michelmersh
Density	1460kg/m <sup>3</sup>
Thickness	65mm
Colour	"Red"
Flame retardant details	<b>See Note 1 Below</b>
Brief description of manufacturing process	Shaped, dried and fired

**Note 1:** The sponsor of the test has confirmed that no flame retardants were used in the production of this component.

## 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	Brick Development Association	WF 402885	BS EN ISO 1182
Exova Warringtonfire	Brick Development Association	WF 402886	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	3.2	Compliant
	Duration of Sustained Flaming		Nil	Compliant
	Mass Loss		0.12	Compliant
EN ISO 1716	For the product as a whole - PCS	3	0.1810 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, "FL Multi" a fired clay brick, 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

#### SIGNED

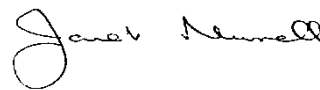


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#### APPROVED



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#### **Janet Murrell**

Technical Manager  
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on behalf of **Exova Warringtonfire**

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**Issue 2:** 28<sup>th</sup> August 2018, amendment to manufacturing process description. K.Williams