

Title:

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

Approved Body No:

0833

Product Name:

"Limepoint Plus"

Report No:

WF 518197

Issue No:

1

Prepared for:

Instarmac Group Plc
Danny Morson Way
Birch Coppice Business Park
Tamworth
B78 1SE

Date:

29th July 2022

1. Introduction

This classification report defines the classification assigned to “Limepoint Plus”, a lime based pointing mortar product, in line with the procedures given in EN 13501-1: 2018.

2. Details of classified product

2.1 General

The product, “Limepoint Plus”, is defined as being suitable for construction applications.

2.2 Product description

The product, “Limepoint Plus”, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

Item	Detail
General description	Lime based pointing mortar
Product reference	“Limepoint Plus”
Detailed description / composition details	See Note 1 below
Name of manufacturer	Instarmac Group Plc
Thickness	10mm (stated by sponsor) 50.2mm (As tested) (determined by Warringtonfire)
Density	1900-2000kg/m ³ (stated by sponsor) 1827.28kg/m ³ (determined by Warringtonfire)
Colour	Any “White” as tested
Flame retardant details	See Note 2 below
Brief description of manufacturing process	Automated powder production plant.

Note 1: The sponsor was unwilling to provide this information.

Note 2: The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

Note: As it has been confirmed that the colour variation is obtained through the use of inorganic pigments and the overall organic content remains consistent across the range, the results of this testing can be considered to apply to all colours in the product range – the supporting formulation information is held on the confidential technical file at Warringtonfire.

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratory	Name of sponsor	Test report Nos.	Test method & date
Warringtonfire	Instarmac Group Plc	515525 incorporating Supplement No. 1	EN ISO 1182:2020
Warringtonfire	Instarmac Group Plc	515528 incorporating Supplement No.1	EN ISO 1716:2018

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - Max/Mean (m)	Compliance parameters
EN ISO 1716	For the product as a whole – PCS (a/e)	3	0.5 MJ/kg	-
EN ISO 1182	Furnace thermocouple temperature rise	5	1 °C	-
	Duration of sustained flaming (seconds)		None	-
	Mass Loss (%)		4 %	-

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clauses 8 and 9 of EN 13501-1: 2018 and EN 998-2:2016.

4.2 Classification

The product, "Limepoint Plus", a lime based pointing mortar product, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A1/A1_{fl}

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 density	1900-2000kg/m ³
Product colour	Any
Product composition	No variation allowed
Product construction	No variation allowed

5. Limitations

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

Authored



Claire Lawrence
Product Assessor
Technical Department

Signed



Katie Williams
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Approved



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