

Title:

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

Product Name:

"Warmcote"

Report No:

WF 523819

Issue No:

1

Prepared for:

Best of Lime Ltd

Unit A
The Brocks
Homefield Road
Haverhill
CB9 8QP

Date:

28th November 2022

1. Introduction

This classification report defines the classification assigned to “Warmcote”, an insulated plaster/render product, in line with the procedures given in EN 13501-1: 2018.

2. Details of classified product

2.1 General

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

2.2 Product description

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

Item	Detail
Generic type	Insulated plaster/render
Product reference	“Warmcote”
Detailed description/composition details	Lightweight mineral non hydraulic lime and additives
Name of manufacturer	Best of Lime Ltd
Thickness	12mm
Density	625kg/m ³ (stated by sponsor)
Application method	Trowel / machine
Curing process	Air dry
Colour	Off white
Flame retardant details	See Note 1 below
Brief description of manufacturing process	Rotary drum blender

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

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	Best of Lime Ltd	523782	EN ISO 1182:2020
Warringtonfire	Best of Lime Ltd	523784	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 (%)		16 %	-

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clauses 8, 9 and 10 of EN 13501-1: 2018.

4.2 Classification

The product, "Warmcote", an insulated plaster/render product, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: A1/A1_{fl}/A1_l

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	No variation allowed
Product colour	"Off white"
Product composition	No variation allowed
Product construction	No variation allowed

5. Limitations

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

SIGNED



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Claire Lawrence

Product Assessor
Technical Department

APPROVED



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Stacey Deeming

Principal Product Assessor
Technical Department
on behalf of [Warringtonfire](#)

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