

Title:

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

Notified Body No:

0833

Product Name:

"Premier 675gsm Fabric-
Backed Wallcovering"

Report No:

WF 412883

Issue No:

1

Prepared for:

Newmor,
Madoc Works,
Henfaes Lane,
Welshpool,
Montgomeryshire,
SY21 7BE

Date:

8th May 2019

1. Introduction

This classification report defines the classification assigned to “Premier 675gsm Fabric-Backed Wallcovering”, a printed wall covering bonded to a fibre cement board substrate, in line with the procedures given in EN 13501-1:2007+A1:2009.

2. Details of classified product

2.1 General

The product, “Premier 675gsm Fabric-Backed Wallcovering”, a printed wall covering bonded to a fibre cement board substrate, is defined as being suitable for construction applications.

2.2 Product description

The product, “Premier 675gsm Fabric-Backed Wallcovering”, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		A printed wall covering bonded to a fibre cement board substrate.	
Product reference of wall covering		“Premier 675gsm Fabric-Backed Wallcovering”	
Name of manufacturer		Newmor	
Overall thickness of composite		9.05mm (determined by Warringtonfire)	
Overall weight per unit area of composite		16.54kg/m ² (determined by Warringtonfire)	
Thickness of wallcovering		1.05mm	
Weight per unit area of wallcovering		675g/m ²	
Batch reference of wall covering		“390193”	
Range reference of wall covering		“Premier”	
Colour		“Beige” (as observed by Warringtonfire)	
Wallcovering	Coating	Product reference	See Note 1 below
		Generic type	Polyvinyl chloride plastisol
		Name of manufacturer	Newmor
		Application rate	635g/m ²
		Application method	Laminating
		Curing process	Hot air oven at a temperature of 220°C for 30 seconds
		Flame retardant details	See Note 2 below
	Backing	Product reference	See Note 1 below
		Generic type	Woven cotton fabric
		Name of manufacturer	See Note 1 below
		Thickness	0.25mm
		Weight per unit area	40 g/m ²
		Flame retardant details	See Note 2 below

Continued on next page...

Adhesive	Product reference	"Dixon Turner Heavy"
	Generic type	PVA/starch/water
	Name of manufacturer	See Note 1 below
	Application rate	200g/m ²
	Application method	Lambswool roller
	Flame retardant details	See Note 2 below
Primer	Product reference	"ET Primaseal"
	Generic type	PVA/starch/water
	Name of manufacturer	See Note 1 below
	Application rate	85g/m ²
	Application method	Lambswool roller
	Flame retardant details	See Note 2 below
Substrate	Product reference	"NT D4 604"
	Generic type	Fibre cement board
	Name of manufacturer	Scheerders van de Kerkhove (SVK)
	Thickness	8mm
	Density	1800kg/m ³
Brief description of manufacturing process		Vinyl coating/laminating, printing and embossing

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 component.

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

3.1 Test reports.

Name of Laboratory	Name of sponsor	Test reports Nos.	Test method
Warringtonfire	Newmor	WF 412862	EN ISO 11925
Warringtonfire	Newmor	WF 412861	BS EN 13823

3.2 Test results

Test method & test number		Parameter	No. tests	Results	
				Continuous parameter - Max/Mean (m)	Compliance parameters
EN ISO 11925-2	30s exposure - surface	F _s	6	≤ 50 mm	Compliant
		Flaming droplets/ particles		None	Compliant
	30s exposure - edge	F _s	6	≤ 30 mm	Compliant
		Flaming droplets/ particles		None	Compliant
BS EN 13823		FIGRA _{0.2MJ}	3	67.00 W/s	Compliant
		FIGRA _{0.4MJ}		24.90 W/S	Compliant
		THR _{600s}		2.44 MJ	Compliant
		SMOGRA		6.99 m ² s ²	Compliant
		TSP _{600s}		82.56 m ²	Compliant
		Lateral Flame Spread to End of Specimen?		None	Compliant
		Fall of Flaming Drop/Particle?		None	Compliant
		Flaming of Fallen Particle Exceeding 10s?		None	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 and EN 15102:2007+A1:2011.

4.2 Classification

The product, "Premier 675gsm Fabric-Backed Wallcovering", a printed wall covering bonded to a fibre cement board substrate, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s2

The additional classification in relation to flaming droplets / particles is:

d0

The format of the reaction to fire classification for construction applications, excluding flooring and linear pipe thermal insulation is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	2	,	d	0

i.e. **B – s2 , d0**

Reaction to fire classification: B – s2, d0

4.3 Field of application

This classification is valid for the following end use applications:

- i) Construction applications- Interior wallcovering
- ii) Construction applications applied over any substrate with a minimum density of 1800kg/m³, having a minimum thickness of 6mm and a fire performance of A2-s1,d0 or better

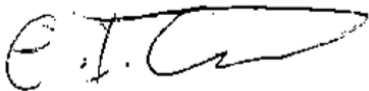
This classification is also valid for the following product parameters:

Product thickness	No variation allowed
Product density	No variation allowed
Product colour	No variation allowed
Product composition	No variation allowed
Product construction	No variation allowed
Coating application rate	No variation allowed

5. Limitations

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

SIGNED



.....
Euan Gardner
Junior Certification Engineer
Technical Department

APPROVED



.....
Matthew Dale
Senior Certification Engineer
Technical Department
On behalf of **Warringtonfire**

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