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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:

"Digimura RP – Classic"

Report No:

WF 340139

Issue No:

1

Prepared for:

Papergraphics Limited
Crompton Way
Crawley
West Sussex
RH10 9QR

Date:

29th May 2014



0249

1. Introduction

This classification report defines the classification assigned to “Digimura RP – Classic”, a ready pasted wallcovering product, in line with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, “Digimura RP – Classic”, a ready pasted wallcovering product, is defined as being suitable for construction applications, excluding flooring and linear pipe thermal insulation.

2.2 Product description

The product, “Digimura RP – Classic”, a ready pasted wallcovering product, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		A ready pasted wall paper for digital printer adhered to a plasterboard substrate	
Product reference of wallcovering		“Digimura RP – Classic”	
Overall thickness of composite		13.7mm (determined by Exova Warringtonfire)	
Overall weight per unit area of composite		7.98kg/m ² (determined by Exova Warringtonfire)	
Overall wallcovering thickness		0.15mm (stated by sponsor) 0.50mm (determined by Exova Warringtonfire)	
Overall wallcovering weight per unit area		166g/m ² (stated by sponsor) 184g/m ² (determined by Exova Warringtonfire)	
Batch reference of wallcovering		“C2896-108”	
Range reference of wallcovering		“Digimura”	
Colour reference of wallcovering		“White” Observed by Exova Warringtonfire to be a white background with multicolour printed images	
Wall covering	Coating	Product reference	See Note 1 below
		Generic type	See Note 1 below
		Name of manufacturer	See Note 2 below
		Application rate	See Note 1 below
		Application method	See Note 1 below
		Curing process	See Note 1 below
		Flame retardant details	See Note 3 below
	Backing	Product reference	“2811-082”
		Generic type	Wall paper coating base
		Name of manufacturer	See Note 2 below
		Thickness	0.15mm
		Weight per unit area	126g/m ²
		Flame retardant details	See Note 3 below

Continued on next page

Adhesive	Product reference	See Note 1 below
	Generic type	See Note 1 below
	Name of manufacturer	See Note 2 below
	Application rate	See Note 1 below
	Application method	See Note 1 below
	Flame retardant details	See Note 3 below
Substrate	Product reference	"Gyproc Wallboard"
	Generic type	Plasterboard
	Name of manufacturer	British Gypsum
	Thickness	12.5mm
	Density	700±100kg/m ³
	Flame retardant details	The substrate is inherently flame retardant
Brief description of manufacturing process of wallcovering		Paper making of base paper and then a coating process for print coat and adhesive coating.

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

Note 2 – The sponsor of the test has provided this information but at the specific request of the sponsor, these details have been omitted from the report and are instead held on the confidential file relating to this investigation.

Note 3 - The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

The description of the specimens given above is not as complete as would usually be the case in Exova Warringtonfire reports and as such may not fully comply with the requirements of the test standard. In all other respects however, the testing was conducted in full accordance with the requirements of the test standard.

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	Papergraphics Limited	WF 341104	EN ISO 11925-2
Exova warringtonfire	Papergraphics Limited	WF 340012	EN 13823

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN ISO 11925-2 (30s exposure - surface)	F _s	6	24.2	Compliant
	Flaming droplets/ particles		None	Compliant
EN ISO 11925-2 (30s exposure - edge)	F _s	6	56.7	Compliant
	Flaming droplets/ particles		None	Compliant
EN 13823	FIGRA _{0.2MJ}	3	120.70	Compliant
	FIGRA _{0.4MJ}		62.27	Compliant
	THR _{600s}		1.61	Compliant
	LFS		None	Compliant
	SMOGRA		0.00	Compliant
	TSP _{600s}		12.27	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, "Digimura RP – Classic", a ready pasted wallcovering product, in relation to its reaction to fire behaviour is classified:

C

The additional classification in relation to smoke production is:

s1

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	
C	-	s	1	,	d	0

i.e. C – s1 , d0

Reaction to fire classification: C – s1, d0

4.3 Field of application

This classification is valid for the following end use applications:

- i) Construction applications used over any substrate with a density equal to or greater than 700kg/m³, having a minimum thickness of 12.5mm and a fire performance of A2 or better.

This classification is also valid for the following product parameters:

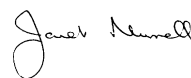
Product thickness	No variation allowed
Product weight per unit area	No variation allowed
Product colour/pattern	Any variation allowed
Product composition	No variation allowed
Product construction	No variation allowed

SIGNED



.....
Matthew Dale
Certification Engineer
Technical Department

APPROVED



.....
Janet Murrell
Technical Manager
Technical Department
on behalf of **Exova warringtonfire**

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