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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:**

"Wall Art"

**Report No:**

WF 361415

**Issue No:**

1

**Prepared for:**

Metamark (UK) Limited  
Luneside  
New Quay Road  
Lancaster  
LA1 5QP

**Date:**

2<sup>nd</sup> February 2016



## 1. Introduction

This classification report defines the classification assigned to "Wall Art", a PVC film adhered to a plasterboard substrate, in line with the procedures given in EN 13501-1:2007+A1: 2009.

## 2. Details of classified product

### 2.1 General

The product, "Wall Art", a PVC film adhered to a plasterboard substrate, is defined as being suitable for construction applications, excluding flooring and linear pipe thermal insulation.

### 2.2 Product description

The product, "Wall Art", a PVC film adhered to a plasterboard substrate, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		A PVC film adhered to a plasterboard substrate
Product reference		"Wall Art"
Thickness		12.5mm
Weight per unit area		7.99kg/m <sup>2</sup>
Film	Generic type	Polyvinyl chloride (PVC)
	Product reference	"Wall Art"
	Name of manufacturer	Omnova
	Thickness	150 microns
	Weight per unit area	<b>See Note 1 Below</b>
	Colour reference	"White"
	Flame retardant details	<b>See Note 1 Below</b>
Adhesive	Generic type	<b>See Note 1 Below</b>
	Product reference	"Duro Tak 0076"
	Name of manufacturer	Henkel
	Colour reference	"Clear"
	Application rate	20g/m <sup>2</sup> (dry)
	Application method	Bar over roller (coated)
	Flame retardant details	<b>See Note 2 Below</b>
Plasterboard	Product reference	"Gyproc Soundbloc"
	Generic type	Paper faced plasterboard
	Name of manufacturer	British Gypsum
	Thickness	12.5mm
	Density	700kg/m <sup>3</sup>
Flame retardant details		This component is inherently flame retardant
Brief description of manufacturing process		Coated product and laminated

Note 1: The sponsor was unable 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 and 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
<b>Exova warringtonfire</b>	Metamark (UK) Limited	WF 360750	EN ISO 11925-2
<b>Exova warringtonfire</b>	Metamark (UK) Limited	WF 360749	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 <sub>s</sub>	6	41.7	Compliant
	Flaming droplets/ particles		None	Compliant
EN ISO 11925-2 (30s exposure - edge)	F <sub>s</sub>	6	20	Compliant
	Flaming droplets/ particles		None	Compliant
EN 13823	FIGRA <sub>0.2MJ</sub>	3	127.77	Compliant
	FIGRA <sub>0.4MJ</sub>		38.24	Compliant
	THR <sub>600s</sub>		1.46	Compliant
	LFS		None	Compliant
	SMOGRA		21.72	Compliant
	TSP <sub>600s</sub>		47.27	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 and EN 15102.

##### 4.2 Classification

The product, "Wall Art", a PVC film adhered to a plasterboard substrate, 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	
<b>C</b>	-	<b>s</b>	<b>1</b>	,	<b>d</b>	<b>0</b>

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  $700\text{kg/m}^3$ , having a minimum thickness of 12.5mm and a fire performance of A2 or better.
- ii) Product installed utilising "Duro Tak 0076", a wall covering adhesive, at an application rate of  $20\text{g/m}^2$ .

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

"The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive. The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate. The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested."

**SIGNED**

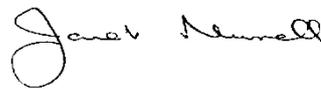


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**APPROVED**



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Technical Department  
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