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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:

"Applied Media"

Report No:

317569

Issue No:

1

Prepared for:

W J Roadmarkings Ltd. T/A
Applied Media
7 Brock Way
Knutton
Newcastle Under Lyme
Staffordshire
ST5 6AZ

Date:

4th April 2012



0249

1. Introduction

This classification report defines the classification assigned to "Applied Media", a self-adhesive printed floor graphic material, in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. Details of classified product

2.1 General

The product, "Applied Media", a self-adhesive printed floor graphic material, is defined as being suitable for floorcovering applications.

2.2 Product description

The product, "Applied Media", a self-adhesive printed floor graphic material, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Self-adhesive printed floor graphic material applied to one face of a fibre cement board substrate	
Overall thickness		7.58mm (determined by Exova Warringtonfire)	
Overall weight per unit area		13.11kg/m ² (determined by Exova Warringtonfire)	
Self-adhesive floor graphic	Product reference	"Applied Media"	
	Thickness	1.8mm	
	Weight per unit area	3.5kg/m ²	
	Name of manufacturer	W J Roadmarkings Limited t/a Applied Media	
	Soda glass granules	Product reference	"100% Soda Glass Aggregate"
		Generic type	Soda glass granules
		Name of manufacturer	See Note 1 below
		Application thickness	See Note 1 below
		Weight per unit area	See Note 1 below
		Colour	"Transparent"
	Flame retardant details	See Note 2 below	
	Surface coating	Product reference	"PU Acrylic Laminate"
		Generic type	PU acrylic laminate
		Name of manufacturer	See Note 1 below
		Number of coats	See Note 1 below
		Application rate / thickness per coat	See Note 1 below
		Colour	"Transparent"
	Flame retardant details	See Note 2 below	
	Printing	Product reference	"Solvent Ink"
		Generic type	Inkjet solvent
		Name of manufacturer	See Note 3 below
Weight per unit area		See Note 3 below	
Thickness		See Note 3 below	
Colour		See Note 3 below	
Flame retardant details		See Note 2 below	

Continued on next page

Self-adhesive floor graphic cont...	Polymeric base	Product reference	"Polymeric Blend Media"
		Generic type	High quality blend of polymeric elastomers See Note 1 below
		Name of manufacturer	See Note 1 below
		Weight per unit area	See Note 1 below
		Thickness	See Note 1 below
		Colour	"White"
		Flame retardant details	See Note 2 below
	Adhesive backing	Product reference	"Pressure Sensitive Adhesive System"
		Generic type	Natural rubber
		Name of manufacturer	See Note 3 below
		Application rate	36g/m ²
		Application method	Screed in manufacturing process
		Flame retardant details	See Note 2 below
	Substrate	Trade name	"NT D4 604"
		Generic Description	Fibre cement board
		Supplier	Scheerders van de Kerkhove (SVK)
		Overall thickness	6mm
Overall density		1900 ± 200kg/m ³	
Flame retardant details		The substrate is inherently flame retardant	
Brief description of manufacturing process of the floor covering		Processed blend of polymers, coated base of adhesive, inkjet solvent print and top coated with PU acrylic and soda glass.	

Note 1: The sponsor of the test was unwilling to provide this or further information.

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

Note 3. 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.

The description of the specimens as given above is not as detailed as would usually be the case for descriptions included in **Exova Warringtonfire** test reports and the description may not fully comply with the requirements of the test standard. In all other respects however the tests were conducted fully in accordance with the requirements of the test standard and the test results are valid.

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	W J Roadmarkings Ltd. T/A Applied Media	WF 317185	EN ISO 11925-2
Exova Warringtonfire	W J Roadmarkings Ltd. T/A Applied Media	WF 317186	EN ISO 9239-1

3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
EN ISO 9239-1	Critical flux	3	10.1	Compliant
	Smoke		76.92	Compliant
EN ISO 11925-2	(15s exposure – surface of decorative face)	F _s	Nil	Compliant
		Flaming droplets/ particles	None	Compliant
	(15s exposure – edge of decorative face)	F _s	35.8	Compliant
		Flaming droplets/ particles	None	Compliant

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 9 of EN 13501-1:2007+A1:2009.

4.2 Classification

The product, "Applied Media", a self-adhesive printed floor graphic material, in relation to its reaction to fire behaviour is classified:

BFL

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
B_{FL}	-	s	1

i.e. **B_{FL} – s1**

Reaction to fire classification: B_{FL} – s1

4.3 Field of application

This classification is valid for the following end use applications:

- i) Floorcovering applications applied over any substrate with a minimum density of 1700kg/m³, having a minimum thickness of 6mm and a fire performance of A2_{FL} or better.
- ii) Installed with or without adhesive.

This classification is also valid for the following product parameters:

Product thickness	No variation allowed
Product weight per unit area	No variation allowed
Product composition	No variation allowed
Product construction	No variation allowed

SIGNED

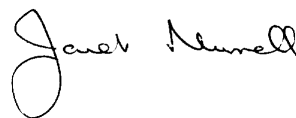


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Matthew Dale

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APPROVED



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on behalf of **Exova Warringtonfire**

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