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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:

"SPM Gerflor Group PVC Profiles"

Report No:

WF 380154

Issue No:

3

Prepared for:

SPM Gerflor Group
16 rue Isabelle Eberhardt
BP 92083
31019 Toulouse Cedex 2
France

Date:

16th February 2017

UKAS TESTING
0249

1. Introduction

This classification report defines the classification assigned to "SPM Gerflor Group PVC Profiles", a polyvinyl chloride (PVC) sheet, in line with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, "SPM Gerflor Group PVC Profiles", a polyvinyl chloride (PVC) sheet, is defined as being suitable for construction applications, excluding flooring and linear pipe thermal insulation.

2.2 Product description

The product, "SPM Gerflor Group PVC Profiles", a polyvinyl chloride (PVC) sheet, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

Generic type	Polyvinyl chloride (PVC)
Product reference	"SPM Gerflor Group PVC Profiles"
Detailed description	Extruded rigid PVC sheet
Name of manufacturer	**See Note 1 below**
Thickness	2mm (stated by sponsor) 2mm (determined by **Exova Warringtonfire**)
Density	1.43g/cm³ (stated by sponsor) 1.36 g/cm³ (determined by **Exova Warringtonfire**)
Colour reference	"Natural"
Flame retardant details	**See Note 2 below**
Mounting and fixing details	The specimens were tested clamped into a "window" frame manufactured from 5mm steel sheet
Air space details	An 80mm ventilated cavity was situated between the reverse face of each specimen and the backing board
Brief description of manufacturing process	**See Note 3 below**

Note 1: The original 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 2: The original sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

Note 2: The original sponsor was unwilling to provide this information.

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	**SPM Gerflor Group**	Additional Report WF 379583 (Issue 2)	EN ISO 11925-2
Exova Warringtonfire	**SPM Gerflor Group**	Additional Report WF 379582 (Issue 2)	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	43.3mm	Compliant
	Flaming droplets/ particles		None	Compliant
EN ISO 11925-2 (30s exposure – edge)	F_s	6	31.7mm	Compliant
	Flaming droplets/ particles		None	Compliant
EN 13823	FIGRA $_{0.2MJ}$	3	4.06	Compliant
	FIGRA $_{0.4MJ}$		4.06	Compliant
	THR $_{600s}$		1.10	Compliant
	LFS		None	Compliant
	SMOGRA		38.92	Compliant
	TSP_{600s}		95.76	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, “SPM Gerflor Group PVC Profiles”, a polyvinyl chloride (PVC) sheet, 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, free standing
ii) Construction applications with a minimum airspace of 80mm.

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	No variation allowed
Product composition	No variation allowed
Product construction	No variation allowed

SIGNED

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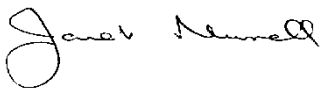
Matthew Dale
Senior Certification Engineer
Technical Department

APPROVED



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Janet Murrell
Technical Manager
Technical Department
on behalf of **Exova Warringtonfire**

Issue No : 2	Issue Date: 17th February 2017
Revised By: M Dale	Approved By: J Murrell
Reason for Revision: This document replaces Issue 1 (dated 16th February 2017) of the same number which has been withdrawn. The sponsor has requested that an amendment be made to the name of the sponsor of the tests detailed on page 3 and 5.	

Issue No : 3	Re-issue Date: 16th June 2017
Revised By: M Dale	Authorised By: J Murrell
Reason for Revision: This document replaces Issue 2 (dated 17th February 2017) of the same number which has been withdrawn. The sponsor has requested that an amendment be made to the product reference detailed on page 1, 2 and 4.	