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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 Names:

"OHMega EC"

Report No:

WF 346629

Issue No:

1

Prepared for:

Polyflor Limited
PO Box 3
Radcliffe New Road
Whitefield
Manchester
M45 7NR

Date:

2nd December 2014



0249

1. Introduction

This classification report defines the classification assigned to "OHMega EC", a PVC flooring product, in accordance with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The products, "OHMega EC", a PVC flooring product, are defined as being suitable for floorcovering applications.

2.2 Product description

The products, "OHMega EC", a PVC flooring product, are fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Floorcovering adhered to a fibre cement board substrate utilising 'Ball's F57' adhesive
Overall thickness		10.25mm (determined by Exova Warringtonfire)
Overall weight per unit area		18.47kg/m ² (determined by Exova Warringtonfire)
Flooring	Generic type	Polyvinyl chloride (PVC)
	Product reference	"OHMega EC"
	Detailed description / composition details	Hardwearing homogeneous contract sheet and tile floorcovering with electrostatic conductive properties, engineered for ESD
	Name of manufacturer	Polyflor Limited
	Thickness	2.0mm
	Weight per unit area	3.06kg/m ²
	Shade	Any colour / pattern
	Flame retardant details	See Note 1 below
Adhesive	Generic type	Conductive acrylic flooring adhesive
	Product reference	"Styccobond F57"
	Name of manufacturer	F Ball & Co. Ltd.
	Colour reference	"Black"
	Application rate	4m ² / litre
	Application method	Trowel
Flame retardant details	The manufacturer has confirmed that no flame retardant additives were utilised in the production of this component	
Substrate	Product reference	"NT D4 604"
	Generic type	Fibre cement board
	Name of manufacturer	Scheerders van de Kerkhove (SVK)
	Thickness	8mm
	Weight per unit area	1800kg/m ³
Flame retardant details	This component is inherently flame retardant	
Brief description of manufacturing process		Calendered flooring

Note 1. 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/extended application report Nos.	Test method / extended application rules & date
Exova warringtonfire	Polyflor Limited	WF 346172	EN ISO 11925-2
Exova warringtonfire	Polyflor Limited	WF 346173	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	11.2 kW/m ²	Compliant
		Smoke	3	125.28 % min	Compliant
EN ISO 11925-2	(15s exposure – surface of decorative face)	F _s	6	Nil	Compliant
		Flaming droplets/ particles		None	Compliant
	(15s exposure – edge of decorative face)	F _s	6	35mm	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 products, "OHmega EC", a PVC flooring product, in relation to their reaction to fire behaviour are classified:

B_{FL}

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 1800kg/m³, having a minimum thickness of 8mm and a fire performance of A2_{FL} or better.
- ii) Installed utilising "Styccobond F57", an acrylic based adhesive at an application rate of 4m²/litre.

This classification is also valid for the following product parameters:

Product thickness	No variation allowed
Product weight	No variation allowed
Product composition	No variation allowed
Product construction	No variation allowed
Colour/Pattern	Any colour / pattern

5. Limitations

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

SIGNED

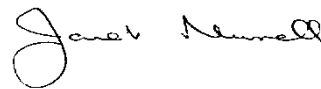


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APPROVED



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Technical Manager
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on behalf of **Exova warringtonfire**

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