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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:**

"Amtico Access"

**Report No:**

WF 339651

**Issue No:**

1

**Prepared for:**

Amtico International  
Kingfield Road  
Coventry  
CV6 5AA

**Date:**

14<sup>th</sup> April 2014



## 1. Introduction

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

## 2. Details of classified product

### 2.1 General

The product "Amtico Access", a PVC flooring, is defined as being suitable for floor covering applications.

### 2.2 Product description

The product "Amtico Access", a PVC flooring, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Vinyl floorcovering which was tested loose laid over a particle board substrate	
Floorcovering	Product reference	"Amtico Access"	
	Name of manufacturer	Amtico International	
	Thickness	5.0mm (stated by sponsor) 4.9mm determined by <b>Exova Warringtonfire</b> )	
	Weight per unit area	7.8kg/m <sup>2</sup> (stated by sponsor) 7.92kg/m <sup>2</sup> (determined by <b>Exova Warringtonfire</b> )	
	Colour reference	"Frosted Oak"	
	Pattern reference	"SX5W2514"	
	Wear layer	Generic type	Plasticized vinyl
		Product reference	The sponsor has confirmed that no specific reference is used for this component
		Name of manufacturer	<b>See Note 1 Below</b>
		Thickness	0.55mm
		Weight per unit area	0.6kg/m <sup>2</sup>
		Colour reference	<b>See Note 1 Below</b>
	Core	Flame retardant details	<b>See Note 2 Below</b>
		Generic type	Mineral filled plasticized vinyl
		Product reference	The sponsor has confirmed that no specific reference is used for this component
		Name of manufacturer	<b>See Note 1 Below</b>
		Thickness	3.45mm
		Weight per unit area	6.0kg/m <sup>2</sup>
	Back ply	Colour reference	<b>See Note 1 Below</b>
		Flame retardant details	<b>See Note 2 Below</b>
Generic type		Plasticized vinyl	
Product reference		The sponsor has confirmed that no specific reference is used for this component	
Name of manufacturer		<b>See Note 1 Below</b>	
Thickness		1.0mm	
Weight per unit area	1.2kg/m <sup>2</sup>		
Colour reference	<b>See Note 1 Below</b>		
Flame retardant details	<b>See Note 2 Below</b>		

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Substrate	Trade name	"Particle Board"
	Generic type	Particle board
	Name of supplier	SA Joinery
	Thickness	18mm
	Density	600kg/m <sup>3</sup>
Brief description of manufacturing process		<b>See Note 1 Below</b>

**Note 1: The sponsor was unwilling 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 & 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	Amtico International	WF 339476	EN ISO 11925-2
Exova Warringtonfire	Amtico International	WF 339477	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	9.8	Compliant	
	Smoke		224.13	Compliant	
EN ISO 11925-2	15s exposure – surface of decorative face	6	F <sub>s</sub>	Nil	Compliant
			Flaming droplets/ particles	None	Compliant
	15s exposure – edge of decorative face	6	F <sub>s</sub>	41.7	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 "Amtico Access", a PVC flooring, in relation to its reaction to fire behaviour is classified:

**B<sub>FL</sub>**

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>B<sub>FL</sub></b>	-	<b>s</b>	<b>1</b>

i.e. **B<sub>FL</sub> – s1**

**Reaction to fire classification: B<sub>FL</sub> – s1**

##### 4.3 Field of application

This classification is valid for the following end use applications:

- i) Flooring applications, used over any substrate with a density equal to or greater than 600Kg/m<sup>3</sup>, having a minimum thickness of 18mm and a fire performance of D-s2, d0 or better.
- ii) Installed with or without adhesive

This classification is also valid for the following product parameters:

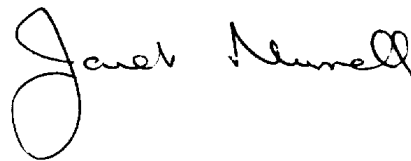
Floorcovering thickness	No variation allowed
Floorcovering weight per unit area	No variation allowed
Floorcovering composition	No variation allowed
Floorcovering construction	No variation allowed
Floorcovering colour	Any colour / pattern

**SIGNED**



.....  
**Matthew Dale**  
Certification Engineer

**APPROVED**



.....  
**Janet Murrell**  
Technical Manager  
on behalf of: **Exova Warringtonfire**

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