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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:

"LVT Allura + Sarlibase
Acoustique"

Report No:

309219

Issue No:

1

Prepared for:

Forbo Reims
63, rue Gosset
BP 2717
51055 Reims Cedex
France

Date:

21st March 2012

1. Introduction

This classification report defines the classification assigned to “LVT Allura + Sarlibase Acoustique”, a compact PVC floorcovering, in accordance with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, “LVT Allura + Sarlibase Acoustique”, a compact PVC floorcovering, is defined as being suitable for flooring applications.

2.2 Product description

The product, “LVT Allura + Sarlibase Acoustique”, a compact PVC floorcovering, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		A compact PVC floorcovering glued on an acoustic under layer adhered to a 6mm thick fibre cement board substrate utilising “V 22” adhesive
Overall thickness		10.64mm (determined by Exova Warringtonfire)
Overall density		15.92kg/m ² (determined by Exova Warringtonfire)
Floor Covering	Product reference	“LVT Allura + Sarlibase Acoustique”
	Generic type	Compact PVC floorcovering glued with a bicomponent adhesive on acoustic foam underlayer
	Detailed description / composition details	Foam layer + intermediate reinforced layer + epoxy adhesive + reinforced under layer + decorative layer + wear layer
	Name of manufacturer	Forbo
	Weight per unit area	4.6 to 5.1 kg/m ²
	Thickness	4.25 to 4.55 mm
	Colour reference	Any colour
	Flame retardant details	See Note 1 below
Adhesive (floor covering to substrate)	Product reference	“V 22”
	Generic type	Acrylic
	Name of manufacturer	Forbo
	Application rate	250 g/m ²
	Application method	Trowel
	Flame retardant details	See Note 1 below
Substrate	Trade name	“NT D4 604”
	Generic type	Fibre cement board
	Name of manufacturer	Scheerders van de Kerkhove (SVK)
	Thickness	6mm
	Density	1800kg/m ³
Brief description of manufacturing process of the floor covering		See Note 2 below.

Note 1. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the component.

Note 2. The 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	Forbo Reims	WF 309044	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	8.3	Compliant
	Smoke		304.02	Compliant
EN ISO 11925-2 (15s exposure)	Flame spread (mm)	*	*	Compliant

* The product properties fall with the range defined in Commission Decision 2005/610/EC establishing the classes of reaction-to-fire performance for certain construction products. The product can therefore be assumed to meet the relevant requirement without the need for testing.

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 12 of EN 13501-1:2007+A1:2009 and Table 3 of EN 14041:2004.

4.2 Classification

The product, "LVT Allura + Sarlibase Acoustique", a compact PVC floorcovering, in relation to its reaction to fire behaviour is classified:

Reaction to fire classification: B_{FL}-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 1800kg/m³, having a minimum thickness of 6 mm and a fire performance of A2-s1, d0 or better (excluding paper faced gypsum plasterboard).
- ii) Product installed utilising "V22", an acrylic based adhesive at an application rate of 250g/m².

This classification is also valid for the following product parameters:

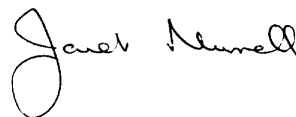
Product thickness	No variation allowed
Product composition	No variation allowed
Colour and design	Any colour

SIGNED



.....
Matthew Dale
Certification Engineer

APPROVED



.....
Janet Murrell
Technical Manager
For and on behalf of:
Exova Warringtonfire

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