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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:

"Sarlibase Acoustique"

Report No:

319863

Issue No:

1

Prepared for:

Forbo Reims
63 rue Gosset
BP 2717
51055 Reims Cedex
France

Date:

27th July 2011

1. Introduction

This classification report defines the classification assigned to “Sarlibase Acoustique”, an acoustic PVC underlayer, in accordance with the procedures given in EN 13501-1:2007+A1: 2009.

2. Details of classified product

2.1 General

The product, “Sarlibase Acoustique”, an acoustic PVC underlayer, is defined as being suitable for flooring applications.

2.2 Product description

The product, “Sarlibase Acoustique”, an acoustic PVC underlayer, is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

General description		Acoustic PVC underlayer for floorcoverings adhered to a particleboard substrate
Overall thickness		20.63mm (determined by Exova Warringtonfire)
Overall density		12.46kg/m ² (determined by Exova Warringtonfire)
Floor covering	Generic type	Acoustic PVC under layer for floor coverings
	Product reference	“Sarlibase Acoustique”
	Detailed description	Foam layer + PVC reinforced layer
	Name of manufacturer	Forbo
	Thickness	2mm
	Density / weight per unit area	1.23kg/m ²
	Colour reference	“White”
	Flame retardant details	See Note 1 Below
Adhesive	Product reference	“Forbo V22 Adhesive”
	Generic type	Acrylic
	Name of manufacturer	Forbo
	Application rate	250g/m ²
	Application method	Trowel
	Flame retardant details	See Note 1 Below
Substrate	Trade name	“Particle Board”
	Generic type	Particle Board
	Name of supplier	SA Joinery
	Thickness	18mm
	Density	600kg/m ²
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 319723	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	8.2	Compliant
	Smoke		146.40	Compliant
EN ISO 11925-2	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.

4.2 Classification

The product, "Sarlibase Acoustique", an acoustic PVC underlayer, 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) Flooring applications applied over any substrate with a minimum density of 1800kg/m³, having a minimum thickness of 6mm and a fire performance of A2_{FL} or better.
- ii) Floorcovering installed with "Forbo V22", an acrylic based adhesive at an application rate of 250g/m².

This classification is also valid for the following product parameters:

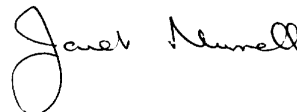
Floorcovering thickness	No variation allowed
Floorcovering weight per unit area	No variation allowed
Floorcovering composition	No variation allowed
Floorcovering construction	No variation allowed
Colour/Pattern	Any variation allowed

SIGNED



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Matthew Dale
Certification Engineer

APPROVED



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

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