



## REACTION TO FIRE CLASSIFICATION REPORT N° 2018/141

According to EN 13501-1 (2007) + A1 (2013)

Notification by the French Government to the European Commission  
under n° NB 2401  
Regulation (UE) n° 305/2011

Sponsor : ESTILLON B.V  
PO Box 119  
5400 AC UDEN  
THE NETHERLANDS

Product name : Axminster woven carpet with STARBASE 10 mm  
underlay.

Description : Textile floor covering (EN 1307 family)  
(see detailed description in paragraph 2)

Date of issue : 27/08/2018

*The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code of the law dated June 3<sup>rd</sup> 1994.*

*The reproduction of this classification report is only authorised in its integral form.  
It comprises 4 pages*

## 1. Introduction

This classification report defines the classification assigned to the above-mentioned product (s) in accordance with the procedures given in the NF EN 13501-1 standard: September 2007 & A1 (2013).

## 2. Details of classified product

### 2.1. Product standard

NF EN 14041 (2005):“Resilient, textile and laminate floor coverings - Essential characteristics”.

### 2.2. Product description

Axminster woven cut pile carpet with patterns (EN 1307 family).

Use surface: 80% wool – 20% polyamide

Nominal mass per unit area : 2150 g/m<sup>2</sup>

Nominal total thickness : 9,7 mm

Nominal total pile thickness: 6,35 mm

Underlay “STARBASE 10 mm”

Nominal mass per unit area: 1600 g/m<sup>2</sup>

Nominal total thickness: 10,0 mm

Flame retardant: Yes

Installation: Axminster woven carpet tested glued (acrylic glue UZIN UZ 57 with depositing 350 g/m<sup>2</sup>) on underlay STARBASE 10 mm.

Together tested glued (acrylic glue UZIN UZ 57 with depositing 350 g/m<sup>2</sup>) over a fibre-cement board classified A1<sub>fl</sub> or A2<sub>fl</sub> with a density (1800 ± 200) kg/m<sup>3</sup> and thickness (20 ± 2) mm.

## 3. Test reports and tests results in support of this classification

### 3.1. Tests reports

Name of laboratory	Name of sponsor	Test report N°	Test method
C.R.E.T.	ESTILLON PO Box 119 5400 AC UDEN THE NEDERLANDS	RL 2018/591-1	NF EN ISO 9239-1
		RL 2018/591 -2	NF EN ISO 11925-2

### 3.2. Tests results

Test method	Product	Number of tests	Results	
			Parameters	Compliance parameters
NF EN ISO 11925-2	Axminster woven carpet with STARBASE 10 mm	6	Fs ≤ 150 mm	Compliant
Surface exposure-15 secondes			Ignition of the filter paper	Compliant

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
NF EN ISO 9239-1	Axminster woven carpet with STARBASE 10 mm	3	Critical heat flux (kW/m <sup>2</sup> )	9,0
			Smoke (% X min)	88,3

#### 4. Classification and field of application

##### 4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1 :2007 & A1 (2013).

##### 4.2. Classification

Fire behaviour		Smoke production
B <sub>f1</sub>	-	s1

**Classification : B<sub>f1</sub> – s1**

##### 4.3. Field of application

This classification is valid for the following end use applications :

Together glued over a fibre-cement board classified A1<sub>f1</sub> or A2<sub>f1</sub> with a density  $\geq 1350$  kg/m<sup>3</sup>.

This classification is valid for the following product parameters :

##### “Axminster woven carpet”

- A nominal mass per unit area of: 2150 g/m<sup>2</sup>
- A nominal thickness of : 9,7 mm
- A nominal pile thickness of : 6,35 mm

##### “STARBASE 10 mm” underlay

- A nominal mass per unit area of: 1600 g/m<sup>2</sup>
- A nominal thickness of : 10,0 mm

#### 5. Limitations

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

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

Head of Test  
David VANDIERDONCK



For the SARL C.R.E.T.  
The Technical Director  
Marc WELCOMME



*End of the classification report*