

CSTB

le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT

Reaction to fire

REACTION TO FIRE CLASSIFICATION REPORT No. RA08-0345 ACCORDING TO THE EUROPEAN STANDARD NF EN 13501-1

Notification by the French Government to the European Commission under no 0679.

Seule la version française fait foi.

The French version is legally acceptable

Product standard

NF EN 14041: Resilient, textile and laminate floor coverings – Essential characteristics

Owner: **BONAR FLOORS SA**
ZI n° 2 - Parc Industriel Ouest
37110 CHATEAU-RENAULT
FRANCE

Commercial brand(s): **FLOTEX 200 HD / Collection SOTTASS**

Brief description: **Textile floor covering**
(see detailed description in paragraph 2)

Date of issue: **August 29th, 2008**

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 and of the law dated June 3rd, 1994.

If this report is being issued by e-mail and/or on an electronic medium, only the hard copy of the report signed by CSTB shall prevail in the event of a dispute.

The reproduction of this classification report is only authorised in its integral form.

It comprises 4 pages.

CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT

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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.

2. Product description

Flame-retarded textile floor covering tested glued over a 22 mm thick particle board substrate.

Floor covering consisting of:

- A flocked 100 % polyamide velvet.
- A glass tissue.
- A layer made of fire-retarded polyvinyl chloride reinforced with a glass mesh.
- A backing made of expanded polyvinyl chloride.

Overall nominal weight per unit area: 1850 g/m².

Overall nominal thickness: 4.3 mm.

Aspect : printed.

Colours: various.

3. Tests reports and tests results in support of this classification

3.1 Tests reports

Name of laboratory	Name of sponsor	Test identification	Test report Nos.	Test method
CSTB	BONAR FLOORS SA ZI n° 2 - Parc Industriel Ouest 37110 CHATEAU-RENAULT FRANCE	ES541080325	RA08-0345	EN ISO 11925-2 EN ISO 9239-1

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 Surface exposure - 15 seconds	FLOTEX 200 HD Warpwise and Woolwise	6	Fs > 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	FLOTEX 200 HD Woolwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.21 328
	FLOTEX 200 HD Warpwise	1	Critical heat flux (kW/m ²) Smoke (%.min)	8.13 291

4. Classification and direct field of application

4.1 Reference of the classification

This classification has been carried out in accordance with clause(s) 12.6 and 12.9.2 of the NF EN 13501-1 standard.

4.2 Classification

Fire behaviour		Smoke production
B_{fl}	-	s1

Classification: B_{fl} - s1

4.3 Field of application

This classification is valid for the following product parameters:

- A nominal thickness of 4.3 mm.
- A nominal weight per unit area of 1850 g/m².

This classification is valid for the following end use conditions:

- Glued over any derivative wood panel with a density ≥ 470 kg/m³ and over any A2_{fl}-s1 or A1_{fl} class substrate with a density ≥ 1200 kg/m³.


Champs-sur-Marne, August 29th, 2008

The Technician responsible for the test

The Head of Reaction to Fire activity



David BETTOÏA



Martial BONHOMME

.....END OF THE CLASSIFICATION REPORT