

REACTION TO FIRE CLASSIFICATION REPORT No. RA07-0202A 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:	TECSOM SAS 2 bis avenue François Sommer 08200 SEDAN FRANCE
Commercial brand(s):	TEXTIDALLE 40 / TECSOM 2050 PREMIUM / TECSOM 2050 PREMIUM DESIGN / TECSOM LINEAR VISION / TECSOM 3550 LINEAR VISION / TECSOM PRIMA / TECSOM CAMERA / TECSOM 2520 VARIATIONS / TECSOM 3580 CITY SQUARE / TECSOM 3620 POINTE / TECSOM 3630S SUPREME / TECSOM 3800 CROSS / TECSOM 3630S LINEAR FEVER II / TECSOM 3680 EXCELLENCE / TECSOM 3700 CONFIDENCE / TECSOM DECO 700 / TECSOM 3710 LIGNE / TECSOM 3710 LINEAR SPIRIT / TECSOM 3710 LIGNE TS / TECSOM 3710 LINEAR SPIRIT II / TECSOM DECOSTRUCTURE LOOP / TECSOM DECOSTRUCTURE TIP-SHEARED / TECSOM 3600 GREEN SYSTEM / TECSOM 2500 NORDIC
Brief description:	Textile floor covering (see detailed description in paragraph 2)
Date of issue:	August 02nd, 2012

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 5 pages.

Modification of the document RA07-0202A for addition of a new commercial brand and modification of the minimum overall nominal thickness.

The document RA07-0202A dated August 02nd, 2012 cancels and replaces the document RA07-0202A dated March 23rd, 2011.

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

Fire-retarded textile floor coverings tiles tested maintained with preparing product (acrylic) on an A2_{f1}-s1 class fibre-cement substrate.

Tufted carpets consisting of:

- A 100 % polyamide loop velvet overlay.
- A non woven backing made of synthetic fibres.
- A coating made of acrylic resin.
- A glued backing made of fire-retarded polyvinyl chloride reinforced with a glass mat.

Overall nominal weights per unit area: from 3730 to 4840 g/m².

Overall nominal thicknesses: from 6.0 to 8.0 mm.

Colors: 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	TECSOM SAS 2 bis avenue François Sommer 08200 SEDAN FRANCE	ES541120374	RA12-0287	EN ISO 11925-2 EN ISO 9239-1
		ES541110044	Modification file	-
	ENIA FRANCE SAS 2 bis avenue François Sommer 08200 SEDAN FRANCE	ES541060819 ES541070503 ES541080867	RA07-0202A - RA09-0050	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	TECSOM 2500 NORDIC Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 3800 CROSS Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM DECOSTRUCTURE TIP-SHEARED Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TEXTIDALLE 40 Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 3700 CONFIDENCE Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 3630S SUPREME Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 2520 VARIATIONS Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 2050 PREMIUM Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM CAMERA Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited
	TECSOM 3620 POINTE Warpwise and woofwise	6	Fs > 150 mm Filter paper	Not reached Not ignited

3.2 Tests results (continuation)

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	TECSOM 2500 NORDIC Warpwise and woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.28 517
	TECSOM 3800 CROSS Woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.41 500
	TECSOM DECOSTRUCTURE TIP-SHEARED Warpwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.36 596
	TEXTIDALLE 40 Woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.66 394
	TECSOM 3700 CONFIDENCE Warpwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.48 614
	TECSOM 3630S SUPREME Woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.38 471
	TECSOM 2520 VARIATIONS Warpwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.47 576
	TECSOM 2050 PREMIUM DESIGN Warpwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.31 513
	TECSOM CAMERA Woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.60 429
	TECSOM 3620 POINTE Woofwise	3	Critical heat flux (kW/m ²) Smoke (%.min)	8.42 605

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_{fi}	-	s1

Classification: B_{fi} - s1

4.3 Field of application

This classification is valid for the following product parameters:

- The products described in paragraph 2.
- In the form of tiles.
- A range of overall nominal thicknesses from 6.0 to 8.0 mm.
- A range of overall nominal weights per unit area from 3730 to 4840 g/m².

This classification is valid for the following end use conditions:

- Maintained with preparing product (acrylic) on any A2_{fi}-s1 or A1_{fi} class substrate with a density ≥ 1200 kg/m³.

Champs-sur-Marne, August 02nd, 2012

**The Technician
Responsible for the test**

Franck GOGUEL

**The Head of Reaction to Fire
laboratory**

Nicolas ROURE

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