



*le futur en construction*

**SAFETY, STRUCTURES AND FIRE DEPARTMENT**  
**Reaction to fire**

# **REACTION TO FIRE CLASSIFICATION REPORT**

## **No. RA07-0190**

### **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:** **TARKETT LUXEMBOURG SA**  
**2 Op der Sang**  
**9779 LENTZWEILER**  
**LUXEMBOURG**

**Commercial brand(s):** **Texstyle**

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

**Date of issue:** **August 07<sup>th</sup>, 2007**

The indicated classification does not prejudge 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 3<sup>rd</sup>, 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**

**SIÈGE SOCIAL > 84 AVENUE JEAN JAURÈS | CHAMPS-SUR-MARNE | 77447 MARNE-LA-VALLÉE CEDEX 2**

**TÉL. (33) 01 64 68 84 12 | FAX. (33) 01 64 68 84 79 | [www.cstb.fr](http://www.cstb.fr)**

**MARNE-LA-VALLÉE | PARIS | GRENOBLE | NANTES | SOPHIA-ANTIPOLIS**

## **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**

Vinyl floor covering tested glued over an A2<sub>fl</sub>-s1 fibre-cement substrate and a 22 mm thick particles board substrate.

Flooring consisting of:

- A 0.35 mm thick transparent overlay made of polyvinyl chloride (PVC), protecting a printed decor.
- A compact intermediate layer made of polyvinyl chloride.
- A backing consisting of a non woven polyester.

Nominal weight per unit area: 1800 g/m<sup>2</sup>.

Nominal thickness: 2.8 mm.

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	TARKETT LUXEMBOURG SA 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG	ES541070213	RA07-0190	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	Texstyle Tested glued over a 22 mm thick particles board substrate	3	Fs > 150 mm Filter paper	<b>Not reached</b> <b>Not ignited</b>
EN ISO 11925-2 Surface exposure - 15 seconds	Texstyle Tested glued over an A2 <sub>fi</sub> -s1 fibre-cement substrate	3	Fs > 150 mm Filter paper	<b>Not reached</b> <b>Not ignited</b>

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	Texstyle Tested glued over a 22 mm thick particles board substrate	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>6.8</b> <b>260</b>
	Texstyle Tested glued over an A2 <sub>fi</sub> -s1 fibre-cement substrate	1	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.96</b> <b>149</b>
	Texstyle Tested glued over an A2 <sub>fi</sub> -s1 fibre-cement substrate	1	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.47</b> <b>161</b>

**4. Classification and direct field of application**

**4.1 Reference of the classification**

This classification has been carried out in accordance with clause(s) 11.5 and 11.9.2 of the NF EN 13501-1 standard.

**4.2 Classification**

Fire behaviour		Smoke production
<b>C<sub>fi</sub></b>	-	<b>s1</b>

**Classification: C<sub>fi</sub> - s1**

**4.3 Field of application**

This classification is valid for the following end use conditions:

- Glued over any derivative wood panel with a density  $\geq 470 \text{ kg/m}^3$  and over any A2<sub>fi</sub>-s1 or A1<sub>fi</sub> class substrate with a density  $\geq 1200 \text{ kg/m}^3$ .

This classification is valid for the following product parameters:

- A nominal thickness of 2.8 mm.
- A nominal weight per unit area of  $1800 \text{ g/m}^2$ .

Champs-sur-Marne, August 07<sup>th</sup>, 2007

**The Technician responsible for the test**

P.O.   
**Nicolas ROURE**  
**David BETTOÏA**

**The Head of Reaction to Fire activity**

  
**Martial BONHOMME**

.....END OF THE CLASSIFICATION REPORT