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

# **REACTION TO FIRE CLASSIFICATION REPORT**

## **No. RA08-0115**

### **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 14904: "Surfaces for sports areas - Indoor surfaces for multi-sports use - Specification"**

**Owner:** **FIELDTURF TARKETT SAS**  
**2 rue de L'Egalité**  
**92748 NANTERRE**  
**FRANCE**

**Commercial brand(s):** **OMNISPORTS SPEED**

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

**Date of issue:** **March 12<sup>th</sup>, 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 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 5 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

Sport vinyl floor covering tested glued over a 19 mm thick particles board substrate and A2<sub>fl</sub>-s1 fibre-cement substrate.

Vinyl floor coverings consisting of:

- an overlay of 0.65 mm thick, with pigments or coloured particles.
- a printed compact layer made of polyvinyl chloride.
- a stabilized calandered layer made of polyvinyl chloride reinforced with a non woven glass tissue.
- a backing consisting of a PVC foam.

Nominal weight per unit area: 3295 g/m<sup>2</sup>.

Nominal thickness: 3.45 mm.

Aspect: various.

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 SAS 2 rue de L'Egalité 92748 NANTERRE FRANCE	ES541050256 ES541070855	RA05-0243 -	EN ISO 9239-1

**3.2 Tests results**

The product OMNISPORTS SPEED (weight per unit area: 3295 g/m<sup>2</sup> and thickness: 3.45 mm) is validated following the tests carried out on the same product with a range of thicknesses from 2.95 to 3.55 mm and with a range of weights per unit area from 3060 to 3680 g/m<sup>2</sup> (see RA05-0243 report).

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	Minimum thickness Maximum weight per unit area Tested glued over an A2 <sub>fl</sub> -s1 fibre-cement substrate.	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>8.95</b> <b>407</b>
	Minimum thickness Maximum weight per unit area Tested glued over a particles board substrate	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.44</b> <b>445</b>
	Minimum weight per unit area Tested glued over an A2 <sub>fl</sub> -s1 fibre-cement substrate.	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>9.20</b> <b>255</b>
	Minimum weight per unit area Tested glued over a particles board substrate	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.99</b> <b>329</b>
	Maximum thickness Tested glued over an A2 <sub>fl</sub> -s1 fibre-cement substrate.	1	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>8.20</b> <b>371</b>
	Maximum thickness Tested glued over a particles board substrate	1	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.16</b> <b>361</b>

Test method	<b>According to the NF EN14041 of august, 2004 standard it is not necessary to perform this test to classify this product.</b>
EN ISO 11925-2	

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

##### 4.1 Reference of the classification

This classification has been carried out in accordance with clause(s) 12.5 and 12.9.2 of the NF EN 13501-1 standard.

##### 4.2 Classification

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

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

##### 4.3 Field of application

This classification is valid for the following product parameters:

- For a nominal thickness of 3.45 mm.
- For a nominal weight per unit area of 3295 g/m<sup>2</sup>.

This classification is valid for the following end use conditions:

- Glued over any derivative wood panel with a density  $\geq 470$  kg/m<sup>3</sup>.

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

**5.1 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.

**5.2 Classification**

Fire behaviour		Smoke production
<b>B<sub>fl</sub></b>	-	<b>s1</b>

**Classification: B<sub>fl</sub> - s1**

**5.3 Field of application**

This classification is valid for the following product parameters:

- For a nominal thickness of 3.45 mm.
- For a nominal weight per unit area of 3295 g/m<sup>2</sup>.

This classification is valid for the following end use conditions:

- Glued over any A2<sub>fl</sub>-s1 or A1<sub>fl</sub> class substrate with a density ≥ 1200 kg/m<sup>3</sup>.

Champs-sur-Marne, March 12<sup>th</sup>, 2008

**The Technician responsible for the test**

**The Head of Reaction to Fire activity**



**David BETTOÏA**



**Martial BONHOMME**

.....END OF THE CLASSIFICATION REPORT