

# CSTB

le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT  
Reaction to fire



## BEECH, CHERRY, MAPLE & OAK REACTION TO FIRE CLASSIFICATION REPORT No. RA06-0058 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  
Op der Sang 2  
9779 LENTZWEILER  
LUXEMBOURG

**Commercial brand(s):** Heterogeneous compact vinyl floor coverings  
TARKETT LUXEMBOURG

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

**Date of Issue:** February 09<sup>th</sup>, 2006

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.

The reproduction of this classification report is only authorised in its integral form, with or without its test report attached.  
It comprises 4 pages.

PARIS • MARNE-LA-VALLÉE • GRENOBLE • NANTES • SOPHIA ANTIPOLIS  
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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 EN 13501-1 standard.

**2. Product description**

Vinyl floor covering tested glued over a 19 mm thick particleboard.

Vinyl flooring consisting of:

- A transparent overlay 0.10 to 0.15 mm thick.
- A printed intermediate compact layer made of polyvinyl chloride.
- A compact backing made of polyvinyl chloride.

Overall nominal weights per unit area: from 1100 to 1600 g/m<sup>2</sup>.

Overall nominal thicknesses: from 0.7 to 0.95 mm.

Colours: various / Aspect: various.

**3. Tests reports and tests results in support of this classification****3.1 Tests reports**

<b>Name of laboratory</b>	<b>Name of sponsor</b>	<b>Test identification</b>	<b>Test report Nos.</b>	<b>Test method</b>
<b>CSTB</b>	<b>TARKETT LUXEMBOURG Op der Sang 2 9779 LENTZWEILER LUXEMBOURG</b>	<b>ES541050921</b>	<b>RA06-0058</b>	<b>EN ISO 11925-2 EN ISO 9239-1</b>

### 3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 Surface exposure - 15 seconds	Product referenced WFEA	6	F <sub>s</sub> = 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 Surface exposure - 15 seconds	Product referenced WFUA	6	F <sub>s</sub> = 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	Product referenced WFEA	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	9.38 129
EN ISO 9239-1	Product referenced WFUA	3	Critical flux (kW/m <sup>2</sup> ) Smoke (%.min)	10.41 243

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

##### 4.1 Reference of the classification

This classification has been carried out in accordance with clauses 11.6 and 11.9.2 of the EN 13501-1 standard.

##### 4.2 Classification

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

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

##### 4.3 Field of application

This classification is valid for the following end use conditions:

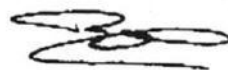
- Glued over any derivative wood panel with a density higher than 470 kg/m<sup>3</sup> and any A2<sub>n</sub> or A1<sub>n</sub> substrate with a density higher than 1200 kg/m<sup>3</sup>.

This classification is valid for the following product parameters:

- A range of thicknesses from 0.7 to 0.95 mm.
- A range of weights per unit area from 1100 to 1600 g/m<sup>2</sup>.
- Products in accordance with the NF EN 649 standard.

Champs-sur-Marne, February 09<sup>th</sup>, 2006

The Technician responsible for the test



David BETTOIA

Head of Laboratory  
Reaction to Fire



Bruce LE MADEC

.....-END OF THE CLASSIFICATION REPORT-