



le futur en construction

**SAFETY, STRUCTURES AND FIRE DEPARTMENT**

Reaction to Fire

# **REACTION TO FIRE CLASSIFICATION REPORT**

## **No. RA14-0232**

### **ACCORDING TO THE EUROPEAN STANDARD**

### **NF EN 13501-1+A1:2013**

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 14041:2005** "Resilient, textile and laminate floor coverings – Essential characteristics"

<b>Owner:</b>	<b>TARKETT GDL S.A.</b> <b>2 Op der Sang</b> <b>9779 LENTZWEILER</b> <b>LUXEMBOURG</b>
<b>Commercial brand(s):</b>	<b>EXCLUSIVE 260 (B5)</b> <b>ESSENTIALS 260 (B6)</b> <b>ESSENTIALS 150 (G2)</b> <b>ESSENTIALS 220T (D2)</b> <b>EXCLUSIVE 240 (F2)</b> <b>ESSENTIALS 240 (F2)</b> <b>EXCLUSIVE 150 (G2)</b>
<b>Manufacturing unit(s):</b>	<b>The manufacturing unit appears in the associated test report</b>
<b>Brief description:</b>	<b>Floor covering</b> (see detailed description in paragraph 2)
<b>Date of issue:</b>	<b>September 08<sup>th</sup>, 2014</b>

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 to L 115-33 and R 115-1 to R 115-3 articles of the consumption's code.  
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+A1:2013 standard.

## 2. Product description

Heterogeneous vinyl floor coverings tested glued on a 19 mm thick wood particleboard.

Vinyl coverings consisting of:

- A finishing layer made of polyurethane.
- A 0.15 to 0.35 mm thick transparent overlay made of polyvinyl chloride, protecting a printed decor.
- An intermediate layer made of polyvinyl chloride and fillers reinforced with a glass tissue.
- A backing foam made of polyvinyl chloride and fillers.

Nominal weights per unit area: from 1210 to 1700 g/m<sup>2</sup>.

Nominal thicknesses: from 1.50 to 2.60 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 No.	Test method
CSTB	TARKETT GDL S.A. 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG	ES541130589	RA14-0232	EN ISO 11925-2:2002 EN ISO 9239-1:2002

**3.2 Tests results**

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
EN ISO 11925-2 Surface exposure - 15 seconds	EXCLUSIVE 260 (B5) Various colours	6	Fs > 150 mm Filter paper	<b>Not reached</b> <b>Not ignited</b>
EN ISO 11925-2 Surface exposure - 15 seconds	ESSENTIALS 260 (B6) Various colours	3	Fs > 150 mm Filter paper	<b>Not reached</b> <b>Not ignited</b>
EN ISO 11925-2 Surface exposure - 15 seconds	EXCLUSIVE 150 (G2) Various colours	3	Fs > 150 mm Filter paper	<b>Not reached</b> <b>Not ignited</b>
EN ISO 11925-2 Surface exposure - 15 seconds	EXCLUSIVE 240 (F2) Various colours	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 values
EN ISO 9239-1	EXCLUSIVE 260 (B5) Various colours	3	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.22</b> <b>122</b>
	EXCLUSIVE 150 (G2) Imitation wood colour	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.98</b> <b>92</b>
	EXCLUSIVE 240 (F2) Imitation wood colour	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.17</b> <b>98</b>
	ESSENTIALS 260 (B6) Imitation wood colour	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>8.80</b> <b>81</b>

## 4. Classification and direct field of application

### 4.1 Reference of the classification

This classification has been carried out in accordance with clauses 12.5 and 12.9.2 of the NF EN 13501-1+A1:2013 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 product parameters:

- The products described in paragraph 2.
- A range of nominal thicknesses from 1.50 to 2.60 mm.
- A range of nominal weights per unit area from 1210 to 1700 g/m<sup>2</sup>.
- Various colours.

This classification is valid for the following end use conditions:

- Glued (acrylic glue) on any derivative wood panel with a density  $\geq 510 \text{ kg/m}^3$  or on any A2<sub>fi</sub>-s1 or A1<sub>fi</sub> class substrate with a density  $\geq 1350 \text{ kg/m}^3$ .

## 5. Limitations

The present document does not represent type approval or certification of the product.

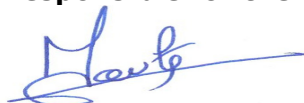
The classification assigned to the product in this report is appropriate to a declaration of performance by the manufacturer within the context of system 3 attestation of conformity and CE marking under the European Construction Products Regulation (regulation UE no. 305/2011).

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

Champs-sur-Marne, September 08<sup>th</sup>, 2014

**The Technician  
Responsible for the test**



**Mickaël GOULE**

**The Head of Reaction to Fire  
Laboratory**



**Nicolas ROURE**

.....END OF THE CLASSIFICATION REPORT