

**REACTION TO FIRE CLASSIFICATION REPORT**  
**No. RA12-0038**  
**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"

<b>Owner:</b>	<b>TARKETT France</b> <b>2 rue de l'Égalité</b> <b>92000 NANTERRE</b> <b>FRANCE</b>
<b>Commercial brand(s):</b>	<b>Tapiflex Excellence 50 Sheet</b> <b>Tapiflex Excellence 50 Tile</b> <b>Tapiflex Excellence 65 Sheet</b> <b>Tapiflex Excellence 65 Tile</b> <b>Tapiflex Essential 50 Sheet</b> <b>Tapiflex Essential 50 Tile</b> <b>Tapiflex Essential 65 Sheet</b> <b>Tapiflex Essential 65 Tile</b> <b>Tapiflex Stairs</b>
<b>Brief description:</b>	<b>Floor covering</b> (see detailed description in paragraph 2)
<b>Date of issue:</b>	<b>February 13<sup>th</sup>, 2012</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 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.

## **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**

Heterogeneous vinyl floor coverings in strips or tiles tested glued on a 19 mm thick wood particleboard.

Vinyl coverings consisting of:

- A finishing layer made of polyurethane.
- A 0.50 to 1.00 mm thick transparent overlay made of polyvinyl chloride.
- A printed compact layer made of polyvinyl chloride.
- A calendered underlay made of polyvinyl chloride and reinforced with a glass tissue.
- A backing foam made of polyvinyl chloride.

Nominal weights per unit area: from 3042 to 3670 g/m<sup>2</sup>.

Nominal thicknesses: from 3.20 to 3.55 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
<b>CSTB</b>	<b>TARKETT France</b> <b>2 rue de l'Égalité</b> <b>92000 NANTERRE</b> <b>FRANCE</b>	<b>ES541110083</b>	RA12-0038	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	Tapiflex Essential 65 Tile Tapiflex Excellence 50 Tile Tapiflex Excellence 50 Sheet Tapiflex Stairs	12	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	Tapiflex Essential 65 Tile	3	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>6.58</b> <b>358</b>
	Tapiflex Excellence 50 Tile	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.00</b> <b>296</b>
	Tapiflex Excellence 50 Sheet	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.90</b> <b>337</b>
	Tapiflex Stairs	1	Critical heat flux (kW/m <sup>2</sup> ) Smoke (%.min)	<b>7.94</b> <b>470</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) 12.5 and 12.9.2 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 product parameters:

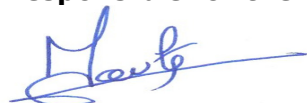
- The products described in paragraph 2.
- Into the form of strips or tiles.
- A range of nominal thicknesses from 3.20 to 3.55 mm.
- A range of nominal weights per unit area from 3042 to 3670 g/m<sup>2</sup>.
- Various colours.

This classification is valid for the following end use conditions:

- Glued (acrylic glue) on any derivative wood panel with a density ≥ 470 kg/m<sup>3</sup> or on any A2<sub>fi</sub>-s1 or A1<sub>fi</sub> class substrate with a density ≥ 1200 kg/m<sup>3</sup>.

Champs-sur-Marne, February 13<sup>th</sup>, 2012

**The Technician  
Responsible for the test**



**Mickaël GOULE**

**The Head of Reaction to Fire  
laboratory**



**Nicolas ROURE**

.....END OF THE CLASSIFICATION REPORT