

REACTION TO FIRE CLASSIFICATION REPORT No. RA10-0252 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"

Owner:	TARKETT GDL S.A. 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG	
Commercial brand(s):	EXCLUSIVE 370 (A2) ESSENTIALS 370 (A2) DESIGN 370 (A2) EXCLUSIVE 300 (B4) ESSENTIALS 300 (B4) DESIGN 300 (B4) SPIRIT 300 (B4) EXCLUSIVE 300 + (C1) ESSENTIALS 300 + (C1) SELECT 301 (C1)	ESSENTIALS 400 (B1) SPIRIT 400 (B1) EXCLUSIVE 280 T (D1) ESSENTIALS 280 T (D1) SPIRIT 200 (B7) ESSENTIALS 450 (A1) DESIGN 450 (A1)
Manufacturing unit(s):	The manufacturing units appear in the associated test reports	
Brief description:	Floor covering (see detailed description in paragraph 2)	
Date of issue:	March 20th, 2014	

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 6 pages.

Extension of the report RA10-0252 dated September 28th, 2010 for addition of new commercial brands.

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 19 mm thick wood particleboard.

Floor coverings consisting of:

- A 4 to 6 μm thick finishing layer made of polyurethane.
- A 0.20 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.
- A non-woven glass tissue only for the "EXCLUSIVE 280 T (D1)" and "ESSENTIALS 280 T (D1)" references.

Nominal weights per unit area: from 1700 to 3300 g/m².

Nominal thicknesses: from 2.00 to 4.50 mm.

Colours and appearances: 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	ES541130588	RA14-0053	EN ISO 11925-2:2002 EN ISO 9239-1:2002
	TARKETT GDL S.A. 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG	ES541100007	RA10-0252	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	DESIGN 450	6	Fs > 150 mm Filter paper	Not reached Not ignited
	WOOD 220	6	Fs > 150 mm Filter paper	Not reached Not ignited
	SPIRIT 200 (B7) *	3	Fs > 150 mm Filter paper	Not reached Not ignited
	ESSENTIALS 450 (A1) *	3	Fs > 150 mm Filter paper	Not reached Not ignited

*Control tests following the modification of the product.

3.2 Tests results (continuation)

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters mean values
EN ISO 9239-1	DESIGN 450	3	Critical heat flux (kW/m ²) Smoke (%.min)	7.45 237
	AUTHENTIC 200	3	Critical heat flux (kW/m ²) Smoke (%.min)	7.82 251
	DESIGN 300	1	Critical heat flux (kW/m ²) Smoke (%.min)	6.61 191
	TEXTILE 280	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.60 281
	AUTHENTIC 301	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.60 156
	WOOD 370	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.95 280
	SELECT 301	1	Critical heat flux (kW/m ²) Smoke (%.min)	6.79 263
	DESIGN 370	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.45 225
	WOOD 220	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.04 260
	SPIRIT 200 (B7) *	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.6 137
	ESSENTIALS 450 (A1) *	1	Critical heat flux (kW/m ²) Smoke (%.min)	6.48 162

***Control test following the modification of the product.**

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
C_{fi}	-	s1

Classification: C_{fi} - 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 2.00 to 4.50 mm.
- A range of nominal weights per unit area from 1700 to 3000 g/m².

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_{fi}-s1 or A1_{fi} 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, March 20th, 2014

**The Technician
Responsible for the test**



Mickaël GOULE

**The Head of Reaction to Fire
Laboratory**



Nicolas ROURE

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