



le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT
Reaction to fire

REACTION TO FIRE CLASSIFICATION REPORT

No. RA09-0228

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 GmbH**
Granastrasse 122
54329 KONZ
ALLEMAGNE

Commercial brand(s): **NORDIC STABIL**

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

Date of issue: **August 07th, 2009**

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 3rd, 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 3 pages.

CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT

SIÈGE SOCIAL > 84 AVENUE JEAN JAURÈS | CHAMPS-SUR-MARNE | 77447 MARNE-LA-VALLÉE CEDEX 2

TÉL. (33) 01 64 68 84 12 | FAX. (33) 01 64 68 84 79 | www.cstb.fr

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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

Heterogeneous vinyl floor covering tested loose-laid on a 19 mm thick wood particleboard and on an A2_{fl}-s1 fibre-cement substrate.

Floor covering consisting of:

- A 0.35 mm thick transparent overlay made of polyvinyl chloride protecting a printed decor.
- A layer made of expanded polyvinyl chloride.
- An underlay made of polyvinyl chloride reinforced with a glass tissue.
- A backing foam made of polyvinyl chloride.
- A non woven made of polyester fibres.

Nominal weight per unit area: 1820 g/m².

Nominal thickness: 2.8 mm.

Aspect: relief.

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 GmbH Granastrasse 122 54329 KONZ ALLEMAGNE	ES541090322	RA09-0228	EN ISO 9239-1

3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters: mean value
EN ISO 9239-1	NORDIC STABIL Loose-laid on a 19 mm thick wood particleboard	3	Critical heat flux (kW/m ²) Smoke (%.min)	6.8 213
	NORDIC STABIL Loose-laid on an A2 _{fl} -s1 fibre-cement substrate	1	Critical heat flux (kW/m ²) Smoke (%.min)	7.28 171

Test method	According to the NF EN14041 standard it is not necessary to perform this test to classify this product.
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
C_{fi}	-	s1

Classification: C_{fi} - s1

4.3 Field of application

This classification is valid for the following product parameters:

- A nominal thickness of 2.8 mm.
- A nominal weight per unit area of 1820 g/m².

This classification is valid for the following end use conditions:

- Loose-laid or glued over any derivative wood panel with a density $\geq 470 \text{ kg/m}^3$ and over any A2_{fi}-s1 or A1_{fi} class substrate with a density $\geq 1200 \text{ kg/m}^3$.

Champs-sur-Marne, August 07th, 2009

The Technician responsible for the test



Franck GOGUEL

The Head of Reaction to Fire laboratory

P.O. Martial Bonhomme


Nicolas ROURE

.....END OF THE CLASSIFICATION REPORT