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**SAFETY, STRUCTURES AND FIRE DEPARTMENT**

Reaction to Fire

# **REACTION TO FIRE CLASSIFICATION REPORT No. RA16-0153 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 15102+A1:2011** "Decorative wallcoverings - Roll and panel form products"

<b>Owner:</b>	<b>TARKETT GDL S.A. 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG</b>
<b>Commercial brand(s):</b>	<b>PROTECTWALL 1.5 Bs2</b>
<b>Manufacturing unit(s):</b>	<b>The manufacturing unit appears in the associated tests report</b>
<b>Brief description:</b>	<b>Decorative wallcovering</b> (see detailed description in paragraph 2)
<b>Date of issue:</b>	<b>July 07<sup>th</sup>, 2016</b>

This classification report certifies only the characteristics of the object submitted for testing but does not prejudice the characteristics of similar products. So it does not constitute a product certification in the sense of Articles L 115-27 to L 115-33 and R 115-1 to R 115-3 of the Consumer 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 4 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

Decorative wallcovering tested glued (acrylic glue applied at the rate of 250 g/m<sup>2</sup>) on A2-s1,d0 class paper-faced gypsum plasterboard substrate.

Fire-retarded heterogeneous vinyl covering constituted as follows:

- A finishing layer made of polyurethane.
- A transparent overlay made of polyvinyl chloride with a nominal thickness of 0.35 mm.
- A decorative film made of polyvinyl chloride.
- A calendered underlay made of fire-retarded polyvinyl chloride, pigments and mineral fillers, with a nominal thickness of 1.15 mm.

Overall nominal weight per unit area: 2400 g/m<sup>2</sup>.

Overall nominal thickness: 1.5 mm.

Colour : beige.

### 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 GDL S.A.</b> <b>2 Op der Sang</b> <b>9779 LENTZWEILER</b> <b>LUXEMBOURG</b>	<b>ES541160306</b>	RA16-0153	NF EN ISO 11925-2:2013 NF EN 13823+A1:2015

#### 3.2 Tests results

Test method	Product	Number of tests	Parameters	Results
				Compliance parameters
NF EN ISO 11925-2 30s surface exposure	PROTECTWALL 1.5 Bs2	6	Fs > 150 mm Filter paper	Not reached Not ignited
NF EN ISO 11925-2 30s edge exposure	PROTECTWALL 1.5 Bs2	6	Fs > 150 mm Filter paper	Not reached Not ignited

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters Mean values	Compliance parameters
NF EN 13823+A1	PROTECTWALL 1.5 Bs2	3	FIGRA <sub>0.2MJ</sub> (W/s)	<b>83.2</b>	-
			FIGRA <sub>0.4MJ</sub> (W/s)	<b>79.0</b>	-
			LFS THR <sub>600s</sub> (MJ)	- <b>3.8</b>	<b>Not reached</b> -
			SMOGR(m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> )	<b>68.9</b> <b>148.4</b>	- -
			Flaming droplets or debris	-	<b>None</b>

(-) means: not applicable

#### 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, 11.9.3 and 11.10.1 of the NF EN 13501-1+A1:2013 standard.

##### 4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
<b>B</b>	-	<b>s2</b>	,	<b>d0</b>

**Classification: B - s2, d0**

##### 4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- An overall nominal thickness of 1.5 mm.
- An overall nominal weight per unit area of 2400 g/m<sup>2</sup>.
- A beige colour.

This classification is valid for the following end use conditions:

- The product glued (acrylic glue applied at the rate of 250 g/m<sup>2</sup>) on any A1 or A2-s1,d0 class substrate with a density  $\geq 525$  kg/m<sup>3</sup> and a thickness  $\geq 12$  mm.

#### 5. Limitations

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

Champs-sur-Marne, July 07<sup>th</sup>, 2016

**The Technician  
Responsible for the test**



**Franck GOGUEL**

**The Head of Reaction to Fire  
Unit**



**Gildas CREACH**

.....END OF THE CLASSIFICATION REPORT