



*le futur en construction*

**SAFETY, STRUCTURES AND FIRE DEPARTMENT**

Reaction to fire

# **REACTION TO FIRE CLASSIFICATION REPORT**

## **No. RA13-0049**

### **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 15102: "Decorative wallcoverings - Roll and panel form products"**

<b>Owner:</b>	<b>TARKETT GDL SA 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG</b>
<b>Commercial brand(s):</b>	<b>PROTECTWALL 2 / PROTECTWALL 2 CR</b>
<b>Manufacturing unit(s):</b>	<b>TARKETT GDL SA 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG</b>
<b>Brief description:</b>	<b>Vinyl wallcovering</b> (see detailed description in paragraph 2)
<b>Date of issue:</b>	<b>March 20<sup>th</sup>, 2013</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 4 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](http://www.cstb.fr)**

**MARNE-LA-VALLÉE | PARIS | GRENOBLE | NANTES | SOPHIA-ANTIPOLIS**

## **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**

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.

Wallcovering consisting as follows:

- A transparent overlay made of polyvinyl chloride with a nominal thickness of 0.55 mm and a nominal weight per unit area of 765 g/m<sup>2</sup>.
- A calendered underlay made of polyvinyl chloride, pigments and mineral fillers with a nominal thickness of 1.45 mm and a nominal weight per unit area of 2235 g/m<sup>2</sup>.

Overall nominal thickness: 2.00 mm.

Overall nominal weight per unit area: 3000 g/m<sup>2</sup>.

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 GDL SA 2 Op der Sang 9779 LENTZWEILER LUXEMBOURG	ES541120756	RA13-0049	EN ISO 11925-2 EN 13823

#### 3.2 Tests results

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

Test method	Product	Number of tests	Parameters	Results	
				Continuous parameters : mean value	Compliance parameters
EN 13823	PROTECTWALL 2	3	FIGRA <sub>0.2MJ</sub> (W/s) FIGRA <sub>0.4MJ</sub> (W/s) LFS THR <sub>600s</sub> (MJ)	103.6 91.2 - 4.9	- - Not reached -
			SMOGRA(m <sup>2</sup> /s <sup>2</sup> ) TSP <sub>600s</sub> (m <sup>2</sup> )	146.0 362.6	- -
			Flaming droplets or debris	-	None

(-) 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, 11.9.4 and 11.10.1 of the NF EN 13501-1 standard.

### 4.2 Classification

Fire behaviour		Smoke production		Flaming droplets or debris
<b>B</b>	-	<b>s3</b>	,	<b>d0</b>

**Classification: B - s3, 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 2.00 mm.
- An overall nominal weight per unit area of 3000 g/m<sup>2</sup>.
- Various colours.

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 non-metal substrate with a density  $\geq 450$  kg/m<sup>3</sup>.

Champs-sur-Marne, March 20<sup>th</sup>, 2013

**The Technician  
Responsible for the test**



**Franck GOGUEL**

**The Head of Reaction to Fire  
laboratory**



**Gildas CREACH**

.....END OF THE CLASSIFICATION REPORT