



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"

Owner: TARKETT GDL SA
2 Op der Sang
9779 LENTZWEILER
LUXEMBOURG

Commercial brand(s): PROTECTWALL 2 / PROTECTWALL 2 CR

Manufacturing unit(s): TARKETT GDL SA
2 Op der Sang
9779 LENTZWEILER
LUXEMBOURG

Brief description: Vinyl wallcovering
(see detailed description in paragraph 2)

Date of issue: March 20th, 2013

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

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/m²) 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/m².
- 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/m².

Overall nominal thickness: 2.00 mm.

Overall nominal weight per unit area: 3000 g/m².

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 _{0,2MJ} (W/s) | 103.6 | - |
| | | | FIGRA _{0,4MJ} (W/s) | 91.2 | - |
| | | | LFS | - | Not reached |
| | | | THR _{600s} (MJ) | 4.9 | - |
| | | | SMOGR(m ² /s ²) | 146.0 | - |
| | | | TSP _{600s} (m ²) | 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 | - | s3 | , | d0 |

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/m².
- Various colours.

This classification is valid for the following end use conditions:

- The product glued (acrylic glue applied at the rate of 250 g/m²) on any A1 or A2-s1,d0 class non-metal substrate with a density ≥ 450 kg/m³.

Champs-sur-Marne, March 20th, 2013

**The Technician
Responsible for the test**

Franck GOGUEL

**The Head of Reaction to Fire
laboratory**

Gildas CREACH

.....END OF THE CLASSIFICATION REPORT