CSTB
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SAFETY, STRUCTURES AND FIRE DEPARTMENT
Reaction to Fire

REACTION TO FIRE CLASSIFICATION REPORT No. RA13-0291 ACCORDING TO THE EUROPEAN STANDARD NF EN 13501-1+A1:2013

Provided the Ordinance from the Ministry of the interior, November 21, 2002.
Pilot laboratory approved by the Ministry of the Interior (Ordinance of February 5, 1959, amended)
Seule la version française fait foi.
Only the French version is legally acceptable.

Valid 5 years from October 18th, 2013

Owner:	**STRIZO SYNTHETICS B.V.** **Jules Verneweg 98** **5015 BM TILBURG** **THE NETHERLANDS**
Commercial brand(s):	**STRIZO STONE CARPET WALL APPLICATION**
Brief description:	**Wallcovering made of resin and quartz** (see detailed description in paragraph 2)
Date of issue:	**October 18th, 2013**

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 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.

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 applied on A2-s1,d0 class paper-faced gypsum plasterboard substrate.

Wallcovering constituted as follows:

- A first primer layer referenced "STRIZO EP 110" made of epoxy resin applied at the rate of 250 g/m².
- A second primer layer referenced "STRIZO AC 355" made of acrylic resin applied at the rate of 300 g/m².
- A finishing layer made of colored quartz gravel applied at the rate of 5 kg/m² bonded with 10 % in weight of acrylic resin referenced "STRIZO AC 355".

Nominal thickness of the system: from 3 to 5 mm.
Overall applied quantity: about 6 kg/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 No.	Test method
CSTB	**STRIZO SYNTHETICS B.V. Jules Verneweg 98 5015 BM TILBURG THE NETHERLANDS**	**ES541130309**	RA13-0291	EN ISO 11925-2:2002 EN 13823:2002

3.2 Tests results

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

Test method	Product	Number of tests	Parameters	Results Continuous parameters Mean values	Compliance parameters
EN 13823	STRIZO STONE CARPET WALL APPLICATION	3	$FIGRA_{0.2MJ}$(W/s) $FIGRA_{0.4MJ}$(W/s) LFS THR_{600s}(MJ)	**39.4** **31.8** - **2.1**	- - **Not reached** -
			SMOGRA(m^2/s^2) TSP_{600s}(m^2)	**0.0** **15.2**	- -
			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, 11.9.2 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	**-**	**s1**	**,**	**d0**

Classification: B - s1, d0

4.3 Field of application

This classification is valid for the following product parameters:

- The product described in paragraph 2.
- An overall thickness from about 3 to 5 mm.
- An overall applied quantity of 6 kg/m².
- Various colours.

This classification is valid for the following end use conditions:

- Applied on any A1 or A2-s1,d0 class substrate with a density ≥ 525 kg/m³.

5. Limitation

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

Champs-sur-Marne, October 18th, 2013

The Technician Responsible for the test

Benoit FOREST

The Head of Reaction to Fire Unit

Gildas CREACH

.....END OF THE CLASSIFICATION REPORT