



le futur en construction

SAFETY, STRUCTURES AND FIRE DEPARTMENT

Reaction to Fire

REACTION TO FIRE CLASSIFICATION REPORT No. RA13-0379 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 December 10th, 2013

Owner: **SERGE FERRARI AG
Wasterkingerweg 2
8193 EGLISAU
SWITZERLAND**

Commercial brand(s): **STAM 6002**

Brief description: **Textile architecture**
(see detailed description in paragraph 2)

Date of issue: **December 10th, 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

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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

Coated fabric for textile architecture.

Fabric consisting of a 100 % polyester backing coated on both sides with fire-retarded polyvinyl chloride.

Overall nominal thickness: 0.52 mm \pm 10 %.

Overall nominal weight per unit area: 630 g/m² \pm 10 %.

Nominal weight per unit area of the backing: 160 g/m² \pm 10 %.

Colours and designs: 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	SERGE FERRARI AG Wasterkingerweg 2 8193 EGLISAU SWITZERLAND	ES541130602	RA13-0379	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	STAM 6002	6	Fs > 150 mm Filter paper	Not reached Not ignited
EN ISO 11925-2 30s edge exposure	STAM 6002	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	STAM 6002	3	FIGRA _{0.2MJ} (W/s)	0.0	-
			FIGRA _{0.4MJ} (W/s)	0.0	-
			LFS THR _{600s} (MJ)	- 0.8	Not reached -
			SMOGRA(m ² /s ²) TSP _{600s} (m ²)	41.0 50.0	- -
			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, 11.9.3 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	-	s2	,	d0

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 0.52 mm ± 10 %.
- An overall nominal weight per unit area of 630 g/m² ± 10 %.
- Various colours and designs.

This classification is valid for the following end use conditions:

- Without substrate or with any A1 or A2-s1,d0 class non-metal substrate with a density ≥ 652 kg/m³.
- With a minimum air gap of 200 mm.

5. Limitation

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

Champs-sur-Marne, December 10th, 2013

**The Technician
Responsible for the test**

Benoit FOREST

**The Head of Reaction to Fire
Unit**

Gildas CREACH

.....END OF THE CLASSIFICATION REPORT