

## REACTION TO FIRE CLASSIFICATION REPORT No. RA15-0217 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 14716:2005 "Stretched ceilings - Requirements and test methods"

<b>Owner:</b>	<b>SERGE FERRARI Zone Industrielle 38110 LA TOUR DU PIN FRANCE</b>
<b>Commercial brand(s):</b>	<b>PRECONTRAIN 502</b>
<b>Manufacturing unit(s):</b>	<b>The manufacturing unit appears in the associated tests report</b>
<b>Brief description:</b>	<b>Coated fabric for a textile architecture and a stretched ceiling application</b> (see detailed description in paragraph 2)
<b>Date of issue:</b>	<b>July 28<sup>th</sup>, 2016</b>

This classification report certifies only the characteristics of the object submitted for testing but does not prejudge 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.

**Update of the document RA15-0217 dated September 16<sup>th</sup>, 2015.  
The document RA15-0217 dated July 28<sup>th</sup>, 2016 cancels and replaces the  
document RA15-0217 dated September 16<sup>th</sup>, 2015.**

## **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 a textile architecture and a stretched ceiling application.  
Fabric consisting of a 100 % polyester fibres backing coated on both sides with fire retarded polyvinyl chloride.

Overall nominal thickness: 0.47 mm  $\pm$  10 %.

Overall nominal weight per unit area: 590 g/m<sup>2</sup>  $\pm$  5 %.

Nominal weight per unit area of the polyester mesh: 165 g/m<sup>2</sup>  $\pm$  10 %.

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	SERGE FERRARI Zone Industrielle 38110 LA TOUR DU PIN FRANCE	ES541160362	Modification file	-
		ES541150384	RA15-0217	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	PRECONTRAI NT 502	6	Fs > 150 mm Filter paper	Not reached Not ignited
NF EN ISO 11925-2 30s edge exposure	PRECONTRAI NT 502	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	PRECONTRAI NT 502	3	FIGRA <sub>0.2MJ</sub> (W/s)	<b>21.4</b>	-
			FIGRA <sub>0.4MJ</sub> (W/s)	<b>0.0</b>	-
			LFS	-	<b>Not reached</b>
			THR <sub>600s</sub> (MJ)	<b>0.7</b>	-
			SMO GRA(m <sup>2</sup> /s <sup>2</sup> )	<b>65.3</b>	-
			TSP <sub>600s</sub> (m <sup>2</sup> )	<b>85.7</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 0.47 mm ± 10 %.
- An overall nominal weight per unit area of 590 g/m<sup>2</sup> ± 5 %.
- A nominal weight per unit area of the polyester mesh of 165 g/m<sup>2</sup> ± 10 %.
- Various colours.

This classification is valid for the following end use conditions:

- Without substrate or with any A1 or A2-s1,d0 class substrate with a density ≥ 652 kg/m<sup>3</sup> and with a thickness ≥ 9 mm.
- With a minimum air gap of 80 mm.

#### 5. Limitation

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

Champs-sur-Marne, July 28<sup>th</sup>, 2016

**The Report Writer**

**Benoit FOREST**

**The Head of Reaction to Fire Unit**

**Gildas CREACH**

.....END OF THE CLASSIFICATION REPORT