



This document is the translation of the French certificate n° 16-03580 L on the 14<sup>th</sup> October, 2016 delivered by IFTH.

## MATERIAL REACTION TO FIRE CLASSIFICATION REPORT

prepared in compliance with amended 5 of the French Home Office Regulation dated November 21<sup>st</sup>, 2002 (Official Gazette dated December 31, 2002)

Valid five years from issue date

**CERTIFICATE N° 16-03580 L**

And appendices of 5 pages

**MATERIAL presented by :** SERGE FERRARI  
BP 54  
38352 LA TOUR DU PIN CEDEX  
FRANCE

**TRADE NAME :** 501

**BRIEF DESCRIPTION :** Fabric made of 100% polyester with flame retardant PVC coating on both sides and varnish  
Nominal surface weight : 530 g/m<sup>2</sup> ± 10%  
Nominal thickness : 0.42 mm ± 10%  
Colours : white

**TEST REPORT :** N° 16-03580 E1-V1 on the 14<sup>th</sup> October, 2016

**TESTS :** Electrical burner test  
Flame persistence test

**CLASSIFICATION :** **M 1**

**CLASSIFICATION DURATION (article 5 of appendix 2):** unlimited unless otherwise specified

given the criteria resulting from the tests described in the enclosed test report.

The classification indicated does not mean that materials marketed comply with the test samples and must not be considered as a qualification certificate as defined by French law dated June 3, 1994.

N.B.: Only integral copies of this document may be made by photocopying the classification report and/or the classification report and enclosed test report.

Issued in Lyon, France on the 14<sup>th</sup> October, 2016

Head of Quality Management Test and trials  
Jean-Marc ORAISON



ACCREDITATION  
N° 1-0101 et  
N° 1-0513  
PORTÉE  
COMMUNIQUÉE  
SUR DEMANDE

ESSAIS



Ecully, 14/10/2016

**SERGE FERRARI**  
Mme MERILLON Catherine  
BP 54  
38352 LA TOUR DU PIN CEDEX  
FRANCE

IFTH reference : DL160922-035

**TEST REPORT N° 16-03580 E1 - V1**

The copie of this document is only authorised in its integral version

**PURPOSE OF THE REQUEST**

Customer reference :	Date of request : 22/09/2016
Purchase order : commande 4500044190	Samples supplied on : 29/09/2016
Subject :	N° CE/CL :
	N° CQ :

**SAMPLE(S) REFERENCE(S)**

16-03580-001 : 501

## DETAILS OF RESULTS

16-03580-001

501

Buildings material - Reaction to fire - Electrical burner test  
NF P 92-503 (Décembre 1995)

Test carried out according to COFRAC accreditation

## PROCESS CONDITIONS

Conditioning of specimens before tests :  $(23 \pm 2)^\circ \text{C}$  and  $(50 \pm 5) \% \text{RH}$  during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 12/10/2016

## RESULTS

## Specimen 1

specimen tested	white
Side tested	Rough side
Direction tested	Warp direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	No
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	154
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

## Specimen 2

specimen tested	white
Side tested	Rough side
Direction tested	Weft direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	No
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	159
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

## Specimen 3

specimen tested	white
Side tested	Smooth side
Direction tested	Warp direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	No
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	142
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

## Specimen 4

specimen tested	white
Side tested	Smooth side
Direction tested	Weft direction
Times of ignitions (in s)	20

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Durations of ignitions (in s)	1
Fall of not ardent drops	No
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	160
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No
<b>Average of carbonized lengths (in mm)</b>	<b>154</b>
<b>Average of carbonized widths between 45 and 60 cm (in mm)</b>	<b>/</b>
<b>Drilling by fusion without ignition or with ignition less than 5 s</b>	<b>Yes</b>
<b>Maximum duration of ignition (in s)</b>	<b>1</b>
<b>Fall of ardent drops or fragment fired</b>	<b>No</b>
<b>Afterglow with spread on more than 25 cm (in mm)</b>	<b>No</b>

**DETAILS OF RESULTS**

16-03580-001

501

**Buildings material - Reaction to fire - Flame persistence test and speed of the spread of flame.  
NF P 92-504 (Décembre 1995)**

Test carried out according to COFRAC accreditation

**PROCESS CONDITIONS**

Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 12/10/2016

**RESULTS**

Specimen 1

Specimen tested	white
Side tested	Rough side
Direction tested	Warp direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	No
Fall of ardent drops	No

Specimen 2

Specimen tested	white
Side tested	Rough side
Direction tested	Weft direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	No
Fall of ardent drops	No

Specimen 3

Specimen tested	white
Side tested	Smooth side
Direction tested	Weft direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	No
Fall of ardent drops	No

Specimen 4

Specimen tested	white
Side tested	Smooth side
Direction tested	Weft direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	No
Fall of ardent drops	No

<b>Maximum duration of ignition (in s)</b>	<b>0</b>
<b>Fall of ardent drops or fragment fired</b>	<b>No</b>

## SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT

16-03580-001	501
Mass per unit area	530 g/m <sup>2</sup> ± 10%
Thickness	0.42 mm ± 10%
Color	Blanc / white
Test requested by	Serge FERRARI
Name and address of the producer	Serge FERRARI zone industrielle BP54 38352 La tour du Pin Cedex
Name and address of the supplier	Serge FERRARI zone industrielle BP54 38352 La tour du Pin Cedex
Other	Tissu armure 100% polyester avec enduction PVC ignifugé dans la masse sur les 2 faces et vernis. / 100% Polyester fabric with inherent flame retardant PVC coating on both side and varnish.

Virginie GILBERT  
Substitute UAP Manager



I.F.T.H. service clientèle  
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Number of pages : 5    Appendices : 0

If test reports, interpretation reports, comments, advice or observations are translated into a foreign language, only the version in French is valid.

« The uncertainty associated to the result was not explicitly taken in consideration to declare the conformity to the specification. Conformities are given only for the results associated to a specification. *Results of this test report are only valid for specimens subjected to testing at IFTH.* »

\* End of report \*

Portées disponibles sur :  
www.cofrac.fr



Accréditation N° :  
Ecully 1-0101  
Mazamet 1-0513  
Mulhouse 1-0241  
Saint Etienne 1-5688  
Troyes 1-0110  
Tourcoing 1-3071