

This document is the translation of the French certificate n° 15-04798 L on the 8th January 2016 delivered by IFTH.

MATERIAL REACTION TO FIRE CLASSIFICATION REPORT

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

Valid five years from issue date

CERTIFICATE N° 15-04798 L

And appendices of 4 pages

MATERIAL presented by :

MERMET SAS
58 chemin du Mont Maurin
38630 VEYRINS
FRANCE

TRADE NAME :

5500 METAL

BRIEF DESCRIPTION :

Fabric made from fiberglass (42 % of the total weight) coated with fireproofed PVC (58 % of the total weight) and metalized on one side.
Nominal surface weight : 520 g/m² ± 5 %
Nominal thickness : 0.7 ± 0.05 mm
Colours : various

TEST REPORT :

N° 15-04798 E1-V1 on the 8th January 2016

TESTS :

Electrical burner 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 8th January 2016

Head of Quality Management Test and trials
Jean-Marc ORAISON

cofrac

ESSAIS

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

Ecully, 08/01/2016

MERMET SAS
Mme VITTOZ CORINNE
58 CHEMIN DU MONT MAURIN
38630 VEYRINS THUELLIN
FRANCE

IFTH reference : DL151207-003

TEST REPORT N° 15-04798 E1 - V1

This report shall only be reproduced in full

PURPOSE OF THE REQUEST

Customer reference :

Date of request : 07/12/2015

Purchase order : CFVME1502128

Samples supplied on : 17/12/2015

Subject :

N° CE/CL :

N° CQ :

SAMPLE(S) REFERENCE(S)

15-04798-001 : 5500 METAL

DETAILS OF RESULTS

15-04798-001

5500 METAL

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 ± 2)° C and (50 ± 5) % RH during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 07/01/2016

RESULTS

Specimen 1

specimen tested	Linen 2020
Side tested	Front 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)	166
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 2

specimen tested	Linen 2020
Side tested	Front 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)	160
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 3

specimen tested	Grey 0101
Side tested	Back 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)	171
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 0202
Side tested	Back 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)	179
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No
Average of carbonized lengthes (in mm)	169
Average of carbonized widths between 45 and 60 cm (in mm)	/
Drilling by fusion without ignition or with ignition less than 5 s	No
Maximum duration of ignition (in s)	0
Fall of ardent drops or fragment fired	No
Afterglow with spread on more than 25 cm (in mm)	No

SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT

15-04798-001	5500 METAL
Mass per unit area	520 g/m ² ± 5%
Thickness	0.70 ± 0.05 mm
Color	2020 Lin/inen, 0202 blanc/white, 0101 gris/grey
Test requested by	MERMET SAS
Name and address of the producer	MERMET SAS 58 chemin du Mont Maurin 38630 VEYRINS
Name and address of the supplier	MERMET SAS 58 chemin du Mont Maurin 38630 VEYRINS
Other	Tissu de verre (42% de la masse totale) avec enduction PVC ignifugé dans la masse (58% de la masse totale) et métallisé sur une face. Fibreglass fabric (42% of total mass) with inherent flame retardant PVC coating (58% of total mass) and metallized on one side.

Jean Marc ORAISON
Head of Quality Management Tests and trials



I.F.T.H. service clientèle

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Number of pages : 4 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 *

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Accréditation N° :
Ecully 1-0101
Mazamet 1-0513
Mulhouse 1-0241
Saint Etienne 1-5688
Troyes 1-0110
Tourcoing 1-0071