

**Received:** 10/08/2018 **Completed:** 10/10/2018 **Letter:** D **BG** **P.O.#:** CFVME1800885 **Test Report #:** 3-28850-0-

**Client's Identification** Lot No.: 40797X/5. Date of Mfg.: 30/04/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m<sup>2</sup> to 430 g/m<sup>2</sup> ± 5%. (see continuation)

**Tested For:** **Corinne Vittoz** **Key Test:** NFPA 701-2015 TM#1 250  
 Mermet SAS  
 58 Rue du Mont Maurin **Tel:** 011 33 01 474 336615 **Ext:**  
 38630 Veyrins- FRANCE **Fax:**

CLIENT'S IDENTIFICATION (continuation): Thickness: from 0.49 mm to 0.60 mm ± 5%. Product End Use: Sun Protection. Additional Information: Interior screen, with progressive density.

LE:2015 NE:2019 V:09/18 NTR 04/16 PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #1

PRODUCT CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially;  After 3 dry cleanings;  After 5 launderings @ 160°F

**RESULTS:**

Specimen #	Afterflame* (seconds)	Flaming Drip (seconds)	Weight Loss (percent)
1	0	0	7.6
2	0	0	8.3
3	0	0	6.9
4	0	0	6.9
5	0	0	6.9
6	0	0	6.1
7	0	0	6.0
8	0	0	6.2
9	0	0	6.8
10	0	0	6.9
	Mean:	0	Mean: 6.8

STATISTICAL VALUES: SD = 0.7 3 SD = 2.1 Mean + 3 SD = 9.0

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 427 g/m<sup>2</sup>

PRECONDITIONING:  0.5 hr @ 220°F (Standard)  
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

**NOTE:**

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.

**Received:** 10/08/2018 **Completed:** 10/10/2018 **Letter:** D **BG** **P.O.#:** CFVME1800885 **Test Report #:** 3-28850-0-

**Client's Identification** Lot No.: 40797X/5. Date of Mfg.: 30/04/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m<sup>2</sup> to 430 g/m<sup>2</sup> ± 5%. (see continuation)

**Tested For:** **Corinne Vittoz** **Key Test:** NFPA 701-2015 TM#1 250  
 Mernet SAS  
 58 Rue du Mont Maurin **Tel:** 011 33 01 474 336615 **Ext:**  
 38630 Veyrins- FRANCE **Fax:**

REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s 1-10
- Other: \_\_\_\_\_

FAILURE CRITERIA: As cited by NFPA 701 - 2015 Edition Test Method #1

Afterflame	Flaming Drip (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
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*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2015 Edition Test Method #1, the item tested:

Passes;  Fails;  Requires testing of 10 additional specimens  
 i.e. only one individual specimen failure was noted

\* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

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 AUTHORIZED SIGNATURE  
 SGS GOVMARK  
 /jab  
 /pm

*Douglas W. Lipp*

OCT 17 2018

Client Name : Mermet SAS  
Addendum to Test Report # : 3-28850-0  
Test : NFPA 701

<u>Specimen #</u>	<u>Weight Before Test ( g )</u>	<u>Weight After Test ( g )</u>	<u>Percent Weight Loss</u>
1	26.20	24.20	7.6
2	26.60	24.40	8.3
3	26.20	24.40	6.9
4	26.00	24.20	6.9
5	26.20	24.40	6.9
6	26.20	24.60	6.1
7	26.80	25.20	6.0
8	26.00	24.40	6.2
9	26.40	24.60	6.8
10	26.20	24.40	6.9

Mean Percent Weight Loss : 6.8  
Standard Deviation : 0.7  
3 x Standard Deviation : 2.1  
Mean + 3 x Standard Deviation : 9.0

**Received:** 10/08/2018 **Completed:** 10/10/2018 **Letter:** E **BG** **P.O.#:** CFVME1800885 **Test Report #:** 3-28851-0-

**Client's Identification** Lot No.: 40530D/2. Date of Mfg.: 30/04/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m<sup>2</sup> to 430 g/m<sup>2</sup> ± 5%. (see continuation)

**Tested For:** **Corinne Vittoz** **Key Test:** NFPA 701-2015 TM#1 250  
 Mermet SAS  
 58 Rue du Mont Maurin **Tel:** 011 33 01 474 336615 **Ext:**  
 38630 Veyrins- FRANCE **Fax:**

CLIENT'S IDENTIFICATION (continuation): Thickness: from 0.49 mm to 0.60 mm ± 5%. Product End Use: Sun Protection. Additional Information: Interior screen, with progressive density.

LE:2015 NE:2019 V:09/18 NTR 04/16 PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #1

PRODUCT CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially;  After 3 dry cleanings;  After 5 launderings @ 160°F

**RESULTS:**

Specimen #	Afterflame* (seconds)	Flaming Drip (seconds)	Weight Loss (percent)
1	0	0	8.0
2	0	0	8.0
3	0	0	7.0
4	0	0	7.9
5	0	0	9.0
6	0	0	7.8
7	0	0	8.0
8	0	0	7.1
9	0	0	10.9
10	0	0	10.0
	Mean:	0	Mean: 8.4

STATISTICAL VALUES: SD = 1.2 3 SD = 3.7 Mean + 3 SD = 12.1

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 324 g/m<sup>2</sup>

PRECONDITIONING:  0.5 hr @ 220°F (Standard)  
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

**NOTE:**

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.

<b>Received:</b> 10/08/2018	<b>Completed:</b> 10/10/2018	<b>Letter:</b> E	BG	<b>P.O.#:</b> CFVME1800885	<b>Test Report #:</b> 3-28851-0-
<b>Client's Identification</b>	Lot No.: 40530D/2. Date of Mfg.: 30/04/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m <sup>2</sup> to 430 g/m <sup>2</sup> ± 5%. (see continuation)				
<b>Tested For:</b> Corinne Vittoz Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE	<b>Key Test:</b> NFPA 701-2015 TM#1				250
	<b>Tel:</b> 011 33 01 474 336615		<b>Ext:</b>		<b>Fax:</b>

REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s 1-10
- Other: \_\_\_\_\_

FAILURE CRITERIA: As cited by NFPA 701 - 2015 Edition Test Method #1

Afterflame	Flaming Drip (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
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*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2015 Edition Test Method #1, the item tested:

Passes;  Fails;  Requires testing of 10 additional specimens  
 i.e. only one individual specimen failure was noted

\* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

  
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 AUTHORIZED SIGNATURE  
 SGS GOVMARK  
 /jab /pm

*Douglas W. Lipp*

OCT 17 2018

Client Name : Mermet SAS  
Addendum to Test Report # : 3-28851-0  
Test : NFPA 701

<u>Specimen #</u>	<u>Weight Before Test ( g )</u>	<u>Weight After Test ( g )</u>	<u>Percent Weight Loss</u>
1	20.00	18.40	8.0
2	20.00	18.40	8.0
3	20.00	18.60	7.0
4	20.20	18.60	7.9
5	20.00	18.20	9.0
6	20.40	18.80	7.8
7	20.00	18.40	8.0
8	19.80	18.40	7.1
9	20.20	18.00	10.9
10	20.00	18.00	10.0

Mean Percent Weight Loss : 8.4  
Standard Deviation : 1.2  
3 x Standard Deviation : 3.7  
Mean + 3 x Standard Deviation : 12.1

**Received:** 10/08/2018 **Completed:** 10/10/2018 **Letter:** F **BG** **P.O.#:** CFVME1800885 **Test Report #:** 3-28852-0-

**Client's Identification** Lot No.: 40416Y/3. Date of Mfg.: 07/06/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m<sup>2</sup> to 430 g/m<sup>2</sup> ± 5%. (see continuation)

**Tested For:** **Corinne Vittoz** **Key Test:** NFPA 701-2015 TM#1 250  
 Mermet SAS  
 58 Rue du Mont Maurin **Tel:** 011 33 01 474 336615 **Ext:**  
 38630 Veyrins- FRANCE **Fax:**

CLIENT'S IDENTIFICATION (continuation): Thickness: from 0.49 mm to 0.60 mm ± 5%. Product End Use: Sun Protection. Additional Information: Interior screen, with progressive density.

LE:2015 NE:2019 V:09/18 NTR 04/16 PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #1

PRODUCT CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially;  After 3 dry cleanings;  After 5 launderings @ 160°F

**RESULTS:**

Specimen #	Afterflame* (seconds)	Flaming Drip (seconds)	Weight Loss (percent)
1	0	0	7.8
2	0	0	9.1
3	0	0	8.6
4	0	0	9.4
5	0	0	8.7
6	0	0	7.9
7	0	0	9.0
8	0	0	7.1
9	0	0	6.9
10	0	0	7.7
	Mean: 0	Mean: 0	8.2

STATISTICAL VALUES: SD = 0.9 3 SD = 2.6 Mean + 3 SD = 10.8

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 424 g/m<sup>2</sup>

PRECONDITIONING:  0.5 hr @ 220°F (Standard)  
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

- NOTE:
1. All specimens prepared in the length direction.
  2. See addendum for individual specimen weights.

**Received:** 10/08/2018 **Completed:** 10/10/2018 **Letter:** F **BG** **P.O.#:** CFVME1800885 **Test Report #:** 3-28852-0-

**Client's Identification** Lot No.: 40416Y/3. Date of Mfg.: 07/06/18. Colors = All. Style: Screen Progress. Composition: 36% fiberglass + 64% PVC. Weight: from 330 g/m<sup>2</sup> to 430 g/m<sup>2</sup> ± 5%. (see continuation)

**Tested For:** **Corinne Vittoz** **Key Test:** NFPA 701-2015 TM#1 250  
 Mermet SAS  
 58 Rue du Mont Maurin **Tel:** 011 33 01 474 336615 **Ext:**  
 38630 Veyrins- FRANCE **Fax:**

REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s 1, 2, 3, 5, 6, 7, 9, 10
- Other: \_\_\_\_\_

FAILURE CRITERIA: As cited by NFPA 701 - 2015 Edition Test Method #1

Afterflame	Flaming Drip (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2015 Edition Test Method #1, the item tested:

Passes;  Fails;  Requires testing of 10 additional specimens  
 i.e. only one individual specimen failure was noted

\* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

  
 AUTHORIZED SIGNATURE  
 SGS GOVMARK  
 /jab /pm

Douglas W. Lipp

OCT 17 2018



Client Name : Mermet SAS  
Addendum to Test Report # : 3-28852-0  
Test : NFPA 701

<u>Specimen #</u>	<u>Weight Before Test ( g )</u>	<u>Weight After Test ( g )</u>	<u>Percent Weight Loss</u>
1	25.80	23.80	7.8
2	26.40	24.00	9.1
3	25.60	23.40	8.6
4	25.60	23.20	9.4
5	25.40	23.20	8.7
6	25.40	23.40	7.9
7	26.60	24.20	9.0
8	25.40	23.60	7.1
9	26.20	24.40	6.9
10	26.00	24.00	7.7

Mean Percent Weight Loss : 8.2  
Standard Deviation : 0.9  
3 x Standard Deviation : 2.6  
Mean + 3 x Standard Deviation : 10.8