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Page 1

Received:05/07/2015	Completed:05/11/2015	Letter: O	BG	P.O.#: CFVME1500617	Test Report #: 3-07835-0-
Client's Identification	Lot No: Col 0202m° 22490X/05/04. Style: Satine 5500. Composition: 42% Fiber Glass-58% PVC. Weight: 520 g/m² Thickness: 0.075 mm. Product End Use: Windows Blind. (See Continuation).				
Tested For: Christophe Heydel Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Key Test: NFPA 701-2015 TM#1 205 Tel: 011 33 01 474 336615 Ext: Fax:		

CLIENT'S IDENTIFICATION: (Continuation) Additional Information: 2 Colors Tested.

LE:2015 NE:2019 V:01/15

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	4.5
2	0	0	3.8
3	0	0	5.2
4	0	0	5.2
5	0	0	5.0
6	0	0	2.6
7	0	0	3.9
8	0	0	3.8
9	0	0	5.2
10	0	0	1.9
Mean:		0	Mean: 4.1

STATISTICAL VALUES: SD = 1.1 3 SD = 3.4 Mean + 3 SD = 7.5

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 522 g/m²

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

CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²

NOTE:

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

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Tested For: Christophe Heydel Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Key Test: NFPA 701-2015 TM#1 205 Tel: 011 33 01 474 336615 Ext: Fax:		

REMARKS:

- ☒ Flames did not project above the top of the specimen.
☐ Flames projected above the top of the specimen; Specimen #'s _____
☐ 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.

** See "Discussion" on Page 3.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2015 Edition Test Method #1.



AUTHORIZED SIGNATURE
GOVMARK
/bg qb

MS. PHYLLIS PETTIT

JUN 05 2015

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Tested For: Christophe Heydel Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Key Test: NFPA 701-2015 TM#1 Tel: 011 33 01 474 336615 Fax:		205 Ext:

**** DISCUSSION:**

Weight Loss - Individual Specimen Failure:

The NFPA 701 document, as written, provides for a statistical calculation which provides for retest and a potential failure if any individual value exceeds the mean by three standard deviations. Govmark is of the opinion that this cannot mathematically occur, i.e. no individual result is mathematically capable of exceeding the mean plus three standard deviations. Therefore, in effect, Govmark is of the opinion that this "individual specimen criteria" has no meaning, since it cannot possibly result in a nonconformance.

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The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from Govmark.

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Client Name : Mermet SAS
Addendum to Test Report # : 3-07835-0
Test : NFPA 701

<u>Specimen #</u>	<u>Weight Before Test (g)</u>	<u>Weight After Test (g)</u>	<u>Percent Weight Loss</u>
1	30.80	29.40	4.5
2	31.80	30.60	3.8
3	34.40	32.60	5.2
4	30.60	29.00	5.2
5	32.00	30.40	5.0
6	30.20	29.40	2.6
7	31.00	29.80	3.9
8	31.40	30.20	3.8
9	31.00	29.40	5.2
10	31.00	30.40	1.9

Mean Percent Weight Loss : 4.1
Standard Deviation : 1.1
3 x Standard Deviation : 3.4
Mean + 3 x Standard Deviation : 7.5

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Page 1

Received: 05/07/2015	Completed: 05/11/2015	Letter: P	BG	P.O.#: CFVME1500617	Test Report #: 3-07836-0-
Client's Identification	Lot No: Col3030 m° 22476X/04/08. Style: Satine 5500. Composition: 42% Fiber Glass-58% PVC. Weight: 520 g/m². Thickness: 0.75 mm. Product End Use: Windows Blind. (See Continuation).				
Tested For: Christophe Heydel Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Key Test: NFPA 701-2015 TM#1 205 Tel: 011 33 01 474 336615 Ext: Fax:		

CLIENT'S IDENTIFICATION: (Continuation) Additional Information: 2 Colors Tested.

LE:2015 NE:2019 V:01/15

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	6.5
2	0	0	5.4
3	0	0	6.2
4	0	0	4.6
5	0	0	4.5
6	0	0	5.8
7	0	0	4.5
8	0	0	5.3
9	0	0	3.8
10	0	0	3.3
Mean:		0	Mean: 5.0

STATISTICAL VALUES: SD = 1.0 3 SD = 3.1 Mean + 3 SD = 8.1

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 509 g/m²

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

CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²

NOTE:

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

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			Tel: 011 33 01 474 336615		Ext:
			Fax:		

REMARKS:

- [] Flames did not project above the top of the specimen.
[x] Flames projected above the top of the specimen; Specimen #'s 6
[] 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:

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

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** See "Discussion" on Page 3.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2015 Edition Test Method #1.

MS. PHYLLIS PETTIT

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AUTHORIZED SIGNATURE
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Client Name : Mermet SAS
Addendum to Test Report # : 3-07836-0
Test : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	30.60	28.60	6.5
2	29.40	27.80	5.4
3	29.20	27.40	6.2
4	30.60	29.20	4.6
5	31.20	29.80	4.5
6	31.20	29.40	5.8
7	31.20	29.80	4.5
8	30.40	28.80	5.3
9	31.20	30.00	3.8
10	30.40	29.40	3.3

Mean Percent Weight Loss : 5.0
Standard Deviation : 1.0
3 x Standard Deviation : 3.1
Mean + 3 x Standard Deviation : 8.1

JUN 05 2015