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Received: 10/1	10/2017 Completed: 10/11/2017	Letter: O	BG	P.O.#: CFVME1701653	Test Report #:	3-21	647-0-		
Client's Lot No.: 40032X/07. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instruction: Color = All. (see continuation)									
	Corinne Vittoz Mermet SAS			Key Test: NFP	A 701-2015 TM#1		250		
	58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Tel: 0113 Fax:	3 01 474 336615	Ext:			

CLIENT'S IDENTIFICATION (continuation): Composition: 36% Fiberglass + 64% PVC Fireproofed in the mass + metallized on one side. Weight: 400 g/m^2 +/- 5%. Thickness: 0.44 mm +/- 0.04 mm. Product End Use: Sun protection. Additional Information: Internal Blind.

LE:2015 NE:2019 V:01/15

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: [x] Single Layer; [] Multi Layer

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

RESULTS:

	Afterflame*	Flaming Dr	ip Weight Loss
Specimen #	(seconds)	(seconds)	(percent)
1	0	0	6.4
2	0	0	5.5
3	0	0	6.6
4	0	0	4.8
5	0	0	6.5
6	0	0	7.1
7	0	0	6.5
8	0	0	7.8
9	0	0	8.6
10	0	0 .	10.5
	Mea	an: 0	Mean: 7.0

STATISTICAL VALUES: SD = 1.6 3 SD = 4.9 Mean + 3 SD = 11.9

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 408 g/m²

PRECONDITIONING: [x] 0.5 hr @ 220°F (Standard)

[] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: $g/m^2 \div 28.35 \times .835 = oz/yd^2$

NOTE:

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

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Received: 10/10/2017	7 Completed: 10/11/2017 Let	ter: O BG F	.O.#: CFVME1701653	Test Report #:	3-21647-0-
Client's Lot N Identification (see	No.: 40032X/07. Date of Mfg.: continuation)	September 25, 2017.	Style: Screen Ultimetal.	Special Instruction: Co	lor = All.
Tested For: Coring			Key Test: NFP.	A 701-2015 TM#1	250
Merme			•		
	du Mont Maurin Veyrins- FRANCE		Tel: 011 (Fax:	33 01 474 336615 E	Ext:
	vojimo Tidirios		I an		<u> </u>
REMARKS:					
	id not project above the rojected above the top				
FAILURE CRITERIA	A: As cited by NFPA 701	l - 2015 Edition	Test Method #1		
	Planina Duia	Weight Loss (percent)		
Afterflame	Flaming Drip (Mean)	Mean	Individual Speci		
*	Exceeds 2 seconds		Exceeds Mean + 3		
Edition Test Met [x] Passes; * Afterflame it into the	sed on the Results on pathod #1, the item tested in the item tested in the second is required to be recommended to be recommended afterflames could be called the called in the second i	ed: s testing of 10 by one individua orded; however, orting requireme	additional specimen l specimen failure the NFPA document d nts. It should be	s was noted oes not factor	701 - 2015
	rities performing "mato	ch" field tests.			
CERTIFICATION: with the procedu	I certify that the aboures and equipment spec	ove results were rified above.	obtained after tes	ting specimens in	ı accordance
ame) F	Phyllis Pettit		-	
AUTHORIZED SIGNA GOVMARK /pm	ATURE	OCT 1 3 20	17		

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Received: 10/	10/2017	Completed: 10/11/2017	Letter: O	BG	P.O.#: CFVME1701653	Test Report #:	3-21	647-0-		
Client's Lot No.: 40032X/07. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instruction: Color = All. (see continuation)										
Tested For:	Corinn Mermet		Key Test: NFPA 701-2015 TM#1 250							
B .		du Mont Maurin /eyrins- FRANCE			Tel: 0113 Fax:	3 01 474 336615	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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96D Allen Blvd. Farmingdale, NY 11735

TEL: (516) 293-8944 FAX: (516) 293-8956

Client Name : Mermet SAS Addendum to Test Report # : 3-21647-0 Test : : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	25.00	23.40	6.4
2	25.60	24.20	5.5
3	24.40	22.80	6.6
4	25.00	23.80	4.8
5	24.80	23.20	6.5
6	25.20	23.40	7.1
7	24.80	23.20	6.5
8	25.60	23.60	7.8
9	25.60	23.40	8.6
10	24.80	22.20	10.5

Mean Percent Weight Loss : 7.0
Standard Deviation : 1.6
3 x Standard Deviation : 4.9
Mean + 3 x Standard Deviation : 11.9



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Received: 10/10/2017 Completed: 10/11/2017 Letter: P BG P.O.#: CFVME1701653 Test Report #: 3-21648-0-Client's Lot No.: 40015U/05. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instructions: Color = All.

Identification (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

CLIENT'S IDENTIFICATION (continuation): Composition: 36% Fiberglass + 64% PVC Fireproofed in the mass + metallized on one side. Weight: $400 \text{ g/m}^2 + /-5\%$. Thickness: 0.44 mm + /-0.04 mm. Product End Use: Sun protection. Additional Information: Internal Blind.

LE:2015 NE:2019 V:01/15

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: [x] Single Layer; [] Multi Layer

RESULTS REPORTED: [x] 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	7.5
3	0	0	9.9
4	0	0	7.5
5	0	0	7.6
6	0	0	6.8
7	0	0	7.4
8	0	0	4.9
9	0	0	6.7
1.0	0	0	9.9
	35	. 0 14	

Mean: 0 Mean: 7.6

STATISTICAL VALUES: SD = 1.5 3 SD = 4.4Mean + 3 SD = 12.0

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 392 g/m²

PRECONDITIONING: [x] 0.5 hr @ 220°F (Standard)

[] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: $g/m^2 \div 28.35 \times .835 = oz/yd^2$

NOTE:

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

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	1		1			<u> </u>
Received: 10/10/2017	Completed: 10/11/2017	Letter: P	BG	P.O.#: CFVME1701653	Test Report #:	3-21648-0-
Client's Lot No Identification (see co.		fg.: September 2	5, 201	7. Style: Screen Ultimetal. S	Special Instructions:	Color = All.
Tested For: Corinne	Vittoz			Key Test: NFPA	A 701-2015 TM#1	250
Mermet S						
	u Mont Maurin				3 01 474 336615	Ext:
3803U V	eyrins- FRANCE			Fax:		
REMARKS:						
	not project above pjected above the t	_		specimen. en; Specimen #'s		
FAILURE CRITERIA:	As cited by NFPA	701 - 2015 E	ditio	on Test Method #1		
	Elemina Dwin			(percent)		
Afterflame	Flaming Drip (Mean)	Mean		Individual Speci		
*	Exceeds 2 seconds				SD**	
<pre>[x] Passes; [* Afterflame i it into the excessive af fire authori</pre>	nod #1, the item to] Fails; [] Requi i.e. .s required to be r	res testing only one ind recorded; how reporting required cause for r	of 10 ividu ever, uiren eject	_	s was noted oes not factor	
	res and equipment s	specified abo	ve.	re obtained after tes	ting specimens	in accordance
AUTHORIZED SIGNAT GOVMARK /pm		Phyllis Pettit OCT 13	2017			

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Received: 10/10	0/2017 Completed: 10/11/2017	Letter: P	BG	P.O.#: CFVME1701653	Test Report #:	3	3-21648-0-			
Client's Lot No.: 40015U/05. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instructions: Color = All. (see continuation)										
•	Corinne Vittoz Mermet SAS			Key Test: NFPA	701-2015 TM#1		250			
	8 Rue du Mont Maurin 8630 Veyrins- FRANCE			Tel: 0113 Fax:	3 01 474 336615	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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96D Allen Blvd. Farmingdale, NY 11735

TEL: (516) 293-8944 FAX: (516) 293-8956

Client Name : Mermet SAS Addendum to Test Report # : 3-21648.0 Test : : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	23.80	22.00	7.6
2	24.00	22.20	7.5
3	24.20	21.80	9.9
4	24.00	22.20	7.5
5	23.80	22.00	7.6
6	23.60	22.00	6.8
7	24.20	22.40	7.4
8	24.60	23.40	4.9
9	23.80	22.20	6.7
10	24.20	21.80	9.9

Mean Percent Weight Loss : 7.6
Standard Deviation : 1.5
3 x Standard Deviation : 4.4
Mean + 3 x Standard Deviation : 12.0



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Received: 10/10/2017 | Completed: 10/11/2017 | Letter: Q BG | P.O.#: CFVME1701653 Test Report #: 3-21649-0-Client's Lot No.: 40046X/02. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instructions: Color = All. Identification (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 Vevrins- FRANCE Fax:

CLIENT'S IDENTIFICATION (continuation): Composition: 36% Fiberglass + 64% PVC Fireproofed in the mass + metallized on one side. Weight: $400 \text{ g/m}^2 +/-5\%$. Thickness: 0.44 mm +/-0.04 mm. Product End Use: Sun protection. Additional Information: Internal Blind.

LE:2015 NE:2019 V:01/15

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: [x] Single Layer; [] Multi Layer

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

RESULTS:

Specimen #	Afterflame* (seconds)	Flaming Dr (seconds)	rip Weight Los: (percent)
		(Beconde)	(percent)
1	0	0	7.6
2	0	0	8.2
3	0	0	7.3
4	0	0	7.3
5	0	0	6.5
6	0	0	6.6
7	0	0	7.5
8	0	0	7.3
9	0	0	6.6
10	0	0	4.9
	Me	an: 0	Mean: 7.0

STATISTICAL VALUES: SD = 0.9 3 SD = 2.7 Mea

Mean + 3 SD = 9.7

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 400 g/m^2

PRECONDITIONING: [x] 0.5 hr @ 220°F (Standard)

[] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: $g/m^2 \div 28.35 \times .835 = oz/yd^2$

NOTE:

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

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Received: 10/	10/2017 Completed: 10/11/2017		P.O.#: CFVME17016:	^	3-21649-0-
Client's Identification	Lot No.: 40046X/02. Date of I (see continuation)	Mfg.: September 25, 2	017. Style: Screen Ultime	tal. Special Instructions:	Color = All.
	Corinne Vittoz		Key Test: N	JFPA 701-2015 TM#1	250
	Mermet SAS 58 Rue du Mont Maurin		T-1. 0	11 22 01 474 227715	T
	38630 Veyrins- FRANCE		Fax:	011 33 01 474 336615	Ext:
	20000 10,000 2141102	 _	T un.		
REMARKS:					
[x] Fla	mes did not project abov	e the top of the	specimen.		
	mes projected above the	top of the specia	men; Specimen #'s _		
[] Oth	er:				
FAILURE CR	ITERIA: As cited by NFPA	701 - 2015 Edit	ion Test Method #1		
		Weight Los	s (percent)		
Afterfl	Flaming Drip ame (Mean)		Individual Co		
ALCEILI	(reall)	Mean			
*	Exceeds 2 second	s Exceeds 40	Exceeds Mean	+ 3 SD**	
Edition Te	: Based on the Results st Method #1, the item t ses; [] Fails; [] Requ i.e.	ested: ires testing of :		mens	A 701 - 2015
it in exces fire	flame is required to be to the Failure Criteria sive afterflames could b authorities performing "	reporting require e cause for rejec	ements. It should lation by local		
- Dee	Discussion on rage 3.				
	ION: I certify that the rocedures and equipment		ere obtained after	testing specimens	in accordance
Ql		Phyllis Pettit			
AUTHORIZED GOVMARK /pm	SIGNATURE	0CT 4 [8	2017		
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Received: 10/10/2017	Completed: 10/11/2017	Letter: Q	BG_	P.O.#: CFVME1701653	Test Report #:	3-	21649-0-		
Client's Lot No.: 40046X/02. Date of Mfg.: September 25, 2017. Style: Screen Ultimetal. Special Instructions: Color = All. (see continuation)									
Tested For: Corinne Vittoz				Key Test: NFPA	701-2015 TM#1		250		
	SAS u Mont Maurin eyrins- FRANCE			Tel: 0113 Fax:	3 01 474 336615	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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96D Allen Blvd. Farmingdale, NY 11735

TEL: (516) 293-8944 FAX: (516) 293-8956

Client Name : Mermet SAS Addendum to Test Report # : 3-21649-0 Test : : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	23.80	22.00	7.6
2	24.40	22.40	8.2
3	24.60	22.80	7.3
4	24.60	22.80	7.3
5	24.60	23.00	6.5
6	24.40	22.80	6.6
7	24.00	22.20	7.5
8	24.80	23.00	7.3
9	24.20	22.60	6.6
10	24.60	23.40	4.9

Mean Percent Weight Loss : 7.0
Standard Deviation : 0.9
3 x Standard Deviation : 2.7
Mean + 3 x Standard Deviation : 9.7