

Page 1

 Client's Identification
 Lot No: Col 0220m° 22458x/05/06. Style: Acoustis 50. Composition: 36% Fiber Glass-64% PVC. Weight: 430 g ± 5%. Thickness: 0.55 mm ±5%. Product End Use: Windows Blind. (See Continuation).
 Key Test: NFPA 701-2015 TM#1
 205

 Mermet SAS 58 Rue du Mont Maurin 38630 Veyrins- FRANCE
 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: [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	5.6
2	0	0	3.2
3	0	0	3.1
4	0	0	3.2
5	0	0	5.6
6	0	0	4.8
7	0	0	4.8
8	0	0	4.7
9	0	0	3.2
10	0	0	7.8
		0 11	

Mean: 0 Mean: 4.6

STATISTICAL VALUES: SD = 1.5 3 SD = 4.5 Mean + 3 SD = 9.1

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 411 $\mbox{g/m}^2$

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

[] 24 hrs 0 68 \pm 9°F (Alternate: Material shrinks/distorts 0 220°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.

(Page 1 of 3)



Page 2

							rage	2
Received:05	/07/2015	Completed: 05/11/2015	Letter: K	BG P.	O.#: CFVME1500617	Test Report #:	3-0'	7831-0-
Client's	Lot No	: Col 0220m° 22458x/05	706. Style: Acous	stis 50. C	omposition: 36% Fibe	r Glass-64% PVC. W		
		less: 0.55 mm ±5%. Prod	uct End Use: Wir	ndows Bl	ind. (See Continuation	1).		
Tested For		phe Heydel			Key Test: NI	PA 701-2015 TM#1		205
	Mermet :							
		u Mont Maurin				1 33 01 474 336615	Ext:	
	38030 V	eyrins- FRANCE			Fax:			
REMARKS:								
[x] Fl	ames dic	l not project above	the top of t	the spec	cimen.			
[] Fl	ames pro	jected above the t	op of the spe	ecimen;	Specimen #'s			
[] Ot	her: _							
FAILURE C	RITERIA:	As cited by NFPA	701 - 2015 Ec	dition '	Pest Method #1			
			0010 20		root nethod #1			
		T1 ' D '	Weight I	Loss (pe	ercent)			
Afterf	lame	Flaming Drip (Mean)	Mean		Individual Con-	· · · · · · · · · · · · · · · · · · ·		
					Individual Spec			
*		Exceeds 2 seconds	Exceeds	40%	Exceeds Mean +	3 SD**		
CONCLUSIO	N: Base	d on the Results o	n nage 1 and	the abo	wo Failuro Crite	omia alkad ba yen	D7 701 00	
Edition T	est Meth	od #1, the item te	sted:	the abo	ove rallure Crite	eria cited by NE	PA 701 - 20	15
							040	
[x] Pa	sses; [] Fails; [] Requi	res testing o	of 10 ac	ditional specime	ens		
		1.e.	ourh oue rudi	vidual	specimen failure	was noted		
* Afte:	rflame i	s required to be r	ecorded; howe	ever, th	ne NFPA document	does not factor		
1t 11	nto the	Failure Criteria re	eporting requ	irement	s. It should be	noted that		
fire	authori	terflames could be ties performing "m.	cause for re atch" field t	ejection Pests	by local			
		Farrand W	acon freta c	.6565.				
** See	'Discuss	ion" on Page 3.						
CERTIFICAT	TION: I	certify that the	above results	were o	obtained after to	eting apogimens		
with the p	rocedur	es and equipment s	pecified by N	FPA 701	- 2015 Edition	Test Method #1.	In accorda	nce
1.	no)	ARC DUVILL	o bet				
	100		MS. PHYLLI	2 PET				
			JUN 0	5 2015	¥-			
AUT/HORIZEI GOVMARK	SIGNAT	URE	0011 0	O EUIU				
/bg								
lap	*							

(Page 2 of 3)



Page 3

Received:05/	07/2015 Completed: 05/11/2015	Letter: K	BG	P.O.#: CFVME1500617	Test Report #:	3-07831-0-
Client's Lot No: Col 0220m° 22458x/05/06. Style: Acoustis 50. Composition: 36% Fiber Glass-64% PVC. Weight: 430 g ± 5%. Identification Thickness: 0.55 mm ±5%. Product End Use: Windows Blind. (See Continuation).						
1	Christophe Heydel Mermet SAS			Key Test: NFPA	A 701-2015 TM#1	205
	58 Rue du Mont Maurin 38630 Veyrins- FRANCE			Tel: 011 3 Fax:	33 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.

(Page 3 of 3)



96D Allen Blvd. Farmingdale, NY 11735

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

Client Name

: Mermet SAS

Addendum to Test Report # : 3-07831-0

Test:

: NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	25.20	23.80	5.6
2	24.80	24.00	3.2
3	25.80	25.00	3.1
4	25.20	24.40	3.2
5	25.20	23.80	5.6
6	25.20	24.00	4.8
7	25.00	23.80	4.8
8	25.40	24.20	4.7
9	25.20	24.40	3.2
10	25.60	23.60	7.8

Mean Percent Weight Loss : 4.6 Standard Deviation : 1.5 3 x Standard Deviation : 4.5 Mean + 3 x Standard Deviation: 9.1



Page 1

Received: 05/07/2015 | Completed: 05/11/2015 | Letter: L BG | P.O.#: CFVME1500617 Test Report #: 3-07832-0-Lot No: Col 3030 m° 22145A/05/08. Style: Acoustis 50. Composition: 36% Fiber Glass-64% PVC. Weight: 430 g \pm 5%. Identification Thickness: 0.55 mm ±5%. Product End Use: Windows Blind. Tested For: Christophe Heydel Key Test: NFPA 701-2015 TM#1 205 Mermet SAS

58 Rue du Mont Maurin 38630 Veyrins- FRANCE

Tel: 011 33 01 474 336615 Ext:

Fax:

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: [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	4.0
2	0	0	5.6
3	0	0	5.6
4	0	0	3.9
5	0	0	4.7
6	0	0	2.4
7	0	0	2.3
8	0	0	4.0
9	0	0	4.8
10	0	0	4.7
	Mean	: O Mear	1 1 2

STATISTICAL VALUES: SD = 1.1

3 SD = 3.4

Mean + 3 SD = 7.6

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 411 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.

(Page 1 of 3)



					Page 2	
Received:05/07/201	Completed: 05/11/2015 Let	tter: L BG	P.O.#: CFVME1500617	Test Report #:	3-07832-0-	
Client's Lot I Identification Thick	No: Col 3030 m° 22145A/05/0 kness: 0.55 mm ±5%. Product	8. Style: Acoustis 50 End Use: Windows	D. Composition: 36% Fiber Blind.			
Tested For: Christ	ophe Heydel		Key Test: NFI	PA 701-2015 TM#1	205	
Merme	t SAS du Mont Maurin		T-I. 011	22.01.474.226615		
	Veyrins- FRANCE		Fax:	33 01 474 336615 E	Ext:	
REMARKS:						
	id not project above the top					
FAILURE CRITERIA	A: As cited by NFPA 70:	l - 2015 Editio	n Test Method #1			
		Weight Loss	Loss (percent)			
Afterflame	Flaming Drip (Mean)	Mean	Individual Speci			
*	Exceeds 2 seconds		Exceeds Mean + 3	 } SD**		
Edition Test Met	sed on the Results on pathod #1, the item tests [] Fails; [] Requires i.e. on	ed: s testing of 10		าร	701 ~ 2015	
it into the excessive a	is required to be reco e Failure Criteria repo afterflames could be ca	orting requiremouse for reject.	ents. It should be ion by local	loes not factor noted that		
fire author	rities performing "mato	ch" field tests	•			
** See "Discus	ssion" on Page 3.					
CERTIFICATION: with the procedu	I certify that the aboures and equipment spec	ove results were	e obtained after tes 701 - 2015 Edition T	sting specimens in est Method #1.	accordance	
PLATE) M	S. PHYLLIS PE	TTIT			
/ AUTFORIZED SIGNA GOVMARK	ATURE J	JN 0 5 2015	vi-			
/bg /gb						

(Page 2 of 3)



Page 3

Received:05/0	7/2015 Completed: 05/11/2015	Letter: L	BG	P.O.#: CFVME1500617	Test Report #:	3-07832-0-
Client's Lot No: Col 3030 m° 22145A/05/08. Style: Acoustis 50. Composition: 36% Fiber Glass-64% PVC. Weight: 430 g ± 5%. Identification Thickness: 0.55 mm ±5%. Product End Use: Windows Blind.						
	Christophe Heydel Mermet SAS			Key Test: NFPA	701-2015 TM#1	205
	8 Rue du Mont Maurin 8630 Veyrins- FRANCE		: 82	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.

(Page 3 of 3)



96D Allen Blvd. Farmingdale, NY 11735 TEL: (516) 293-8944 FAX: (516) 293-8956

Client Name

: Mermet SAS

Addendum to Test Report # : 3-07832-0

Test:

: NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	25.00	24.00	4.0
2	25.20	23.80	5.6
3	25.00	23.60	5.6
4	25.40	24.40	3.9
5	25.40	24.20	4.7
6	25.40	24.80	2.4
7	25.80	25.20	2.3
8	25.20	24.20	4.0
9	25.20	24.00	4.8
10	25.40	24.20	4.7

Mean Percent Weight Loss : 4.2 Standard Deviation : 1.1 3 x Standard Deviation : 3.4 Mean + 3 x Standard Deviation : 7.6