



Received: 04/06/2009 Completed: 04/08/2009 Letter: E rb P.O.#: Test Report #: 2-78073-0-

Client's Identification Vulite Pro Backlit Material For Quality Rear-Illuminated Signage.

Tested For: **Jaime L. Giannantonio** Key Test: CA 1237 Sm 105
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 Tel: 1-(973)-627-8608 Ext: 124
Randolph, NJ 07869 Fax: 1-(973)-627-8506

PC: 1H /jd

TEST PERFORMED: California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93) Fire Resistance; Small Scale Test - EXTERIOR MATERIALS QUALIFICATION

RESULTS REPORTED: [x] Initially
[] After 72 hours water leaching
[] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	0	3.8
	2	4.9	0	4.1
	3	1.5	0	4.0
	4	0.0	0	3.5
	5	0.0	0	4.1
	Avg:	1.3		
Fill:	6	2.3	0	3.7
	7	10.1	0	3.9
	8	0.0	0	4.7
	9	0.0	0	3.6
	10	1.5	0	4.3
	Avg:	2.5		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 16.2 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements indicates that a part of the char length is melt away due to heat from the flame source and not from propagating flame. Therefore, the sample submitted meets the requirements of Title 19 - California Code of Regulations, Section 1237 and 1237.1 for materials weighing less than 4 oz/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



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Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: CA 1237 Sm Tel: 1-(973)-627-8608 Fax: 1-(973)-627-8506	105 Ext: 124
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CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

In a conversation with the latest California State Fire Marshal on August 9, 2007, it was learned that the proposed 1993 revision is now back in effect. In addition to allowing 4 seconds Afterflame rather than 2 seconds, the proposed revision provides for testing of 10 specimens, rather than 6 specimens.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93).

Heather E. Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. /mg

MS. HEATHER ROBERTSON

MAY 01 2009

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Received:04/06/2009 Completed:04/16/2009 Letter: E1 rb P.O.#: Test Report #: 2-78073-1-

Client's Identification Vulite Pro Backlit Material For Quality Rear-Illuminated Signage.

Tested For: **Jaime L. Giannantonio** Key Test: CA 1237 Sm WL 105
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 Tel: 1-(973)-627-8608 Ext: 124
Randolph, NJ 07869 Fax: 1-(973)-627-8506

PC: 1H /jd

TEST PERFORMED: California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93) Fire Resistance; Small Scale Test - EXTERIOR MATERIALS QUALIFICATION

RESULTS REPORTED: [] Initially
[x] After 72 hours water leaching
[] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	2.3	0	3.8
	2	0.0	0	4.4
	3	0.0	0	3.7
	4	0.0	0	4.9
	5	1.2	0	4.9
	Avg:	0.7		
Fill:	6	0.0	0	4.5
	7	1.2	0	3.9
	8	0.0	0	4.2
	9	0.0	0	4.7
	10	0.0	0	2.9
	Avg:	0.2		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 16.2 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements indicates that a part of the char length is melt away due to heat from the flame source and not from propagating flame. Therefore, the sample submitted meets the requirements of Title 19 - California Code of Regulations, Section 1237 and 1237.1 for materials weighing less than 4 oz/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



The
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Received: 04/06/2009	Completed: 04/16/2009	Letter: E1	rb	P.O.#:	Test Report #:	2-78073-1-
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Client's Identification	Vulite Pro Backlit Material For Quality Rear-Illuminated Signage.
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Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: CA 1237 Sm WL Tel: 1-(973)-627-8608 Fax: 1-(973)-627-8506	105 Ext: 124
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CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

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Heather E. Robertson

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /jb/mg

MS. HEATHER ROBERTSON

MAY 01 2009

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Received: 04/06/2009 Completed: 05/01/2009 Letter: E2 rb P.O.#: Test Report #: 2-78073-2-

Client's Identification Vulite Pro Backlit Material For Quality Rear-Illuminated Signage.

Tested For: **Jaime L. Giannantonio** Key Test: CA 1237 Sm AW 105
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 Tel: 1-(973)-627-8608 Ext: 124
Randolph, NJ 07869 Fax: 1-(973)-627-8506

PC: 1H /jd

TEST PERFORMED: California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93) Fire Resistance; Small Scale Test - EXTERIOR MATERIALS QUALIFICATION

RESULTS REPORTED: [] Initially
[] After 72 hours water leaching
[x] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	0.0	4.4
	2	0.0	1.4	4.9
	3	0.0	0.0	3.8
	4	4.3	0.0	4.4
	5	0.0	0.0	3.6
	Avg:	0.9		
Fill:	6	1.0	0.0	3.9
	7	0.8	0.0	3.6
	8	1.0	0.0	3.9
	9	1.0	0.0	4.2
	10	0.0	0.0	4.3
	Avg:	0.8		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 16.2 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements indicates that a part of the char length is melt away due to heat from the flame source and not from propagating flame. Therefore, the sample submitted meets the requirements of Title 19 - California Code of Regulations, Section 1237 and 1237.1 for materials weighing less than 4 oz/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



Received: 04/06/2009	Completed: 05/01/2009	Letter: E2	rb	P.O.#:	Test Report #:	2-78073-2-
Client's Identification	Vulite Pro Backlit Material For Quality Rear-Illuminated Signage.					
Tested For: Jaime L. Giannantonio			Key Test: CA 1237 Sm AW		105	
Ultraflex Systems Inc.			Tel: 1-(973)-627-8608		Ext: 124	
1578 Sussex Tpk., Bldg. #4			Fax: 1-(973)-627-8506			
Randolph, NJ 07869						

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

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