

Received:04/18/2012 Completed:04/18/2012 Letter: G rb P.O.#: Test Report #: 2-91909-0-

Client's Identification Style: PRV1118Q. Content: Polyester Vinyl. Width: 61". Finish: Gloss. Weight: 11 oz. End Use: Tent Top + Sidewall

Tested For: **Bob Morison** Key Test: NFPA 701-2010 TM#2 Flat 340  
 Flourish Company Inc. Tel: 1-(479)-677-3300 Ext:  
 3640 Highway 23 Fax: 1-(479)-677-3380  
 Saint Paul, AR 72760

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially  After 72 hours water leaching  
 After 3 dry cleanings  After 100 hours accelerated weathering  
 After 5 launderings @ 160°F

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	269
2	0	0	130
3	0	0	127
4	0	0	163
5	0	0	201
6	0	0	176
7	0	0	192
8	0	0	210
9	0	0	132
10	0	0	170

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 389 g/m<sup>2</sup>

FAILURE CRITERIA: For each individual specimen --

Afterflame	Drip Burn	Char Length
Exceeds 2.0 seconds	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")

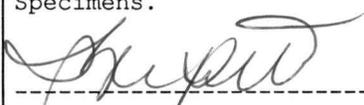
RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.

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

Passes;  Fails;  Requires testing of 5 additional specimens

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2010 Edition Test Method #2 Flat Sheet Specimens.

APR 20 2012



AUTHORIZED SIGNATURE  
 THE GOVMARK ORGANIZATION, INC. / ec /mg (Page 1 of 2)

MS. PHYLLIS PETTIT



<b>Received:</b> 04/18/2012	<b>Completed:</b> 04/18/2012	<b>Letter:</b> G	rb	<b>P.O.#:</b>	<b>Test Report #:</b>	2-91909-0-
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Flourish Company Inc. 3640 Highway 23 Saint Paul, AR 72760				<b>Tel:</b> 1-(479)-677-3300		<b>Ext:</b>
				<b>Fax:</b> 1-(479)-677-3380		

PRECONDITIONING:     1 hr @ 220°F (Standard)  
                                24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS:  
None.

CONVERSION FACTORS:  
 mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

(Page 2 of 2)

Received:04/18/2012 Completed:04/19/2012 Letter: G1 rb P.O.#: Test Report #: 2-91909-1-

Client's Identification Style: PRV1118Q. Content: Polyester Vinyl. Width: 61". Finish: Gloss. Weight: 11 oz. End Use: Tent Top + Sidewall

Tested For: **Bob Morison** Key Test: CA 1237 Sm 135  
 Flourish Company Inc.  
 3640 Highway 23  
 Saint Paul, AR 72760  
 Tel: 1-(479)-677-3300 Ext:  
 Fax: 1-(479)-677-3380

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  
 After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	4.1	5.0
	2	3.4	0.0	4.2
	3	0.0	0.0	4.4
	4	0.0	4.8	5.2
	5	2.8	0.0	4.9
	Avg:	1.2		
Fill:	6	0.9	0.0	4.4
	7	0.0	0.0	5.7
	8	1.7	0.5	4.8
	9	0.0	0.0	4.8
	10	0.8	0.0	5.4
	Avg:	0.7		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 11.5 oz/yd<sup>2</sup>

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/yd<sup>2</sup>.
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.

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Flourish Company Inc. 3640 Highway 23 Saint Paul, AR 72760			Tel: 1-(479)-677-3300		Ext:	
			Fax: 1-(479)-677-3380			

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

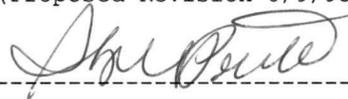
Complies;     Does not comply

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. This information has been verified current per an April 28, 2010 conversation with the California State Fire Marshall.

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).



APR 20 2012

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec /mg

**MS. PHYLLIS PETTIT**

(Page 2 of 2)