

SILVERSCREEN 2%

VEROSOL HIGH PERFORMANCE FABRICS



TEXTSTYLE



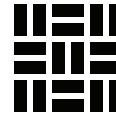
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Page 1

Received:01/21/2014	Completed:01/23/2014	Letter: J	JE	P.O.#:	Test Report #:	3-00344-0-
Client's Identification	Style: SilverScreen 2%. Content: PVC 64%/Glass 36%. Width: 75 and 94 inches. Finish: Metallized. Weight: 11.8, 400 grams/m2. End Use: Window Treatment.					
Tested For: Mrs. Conny Pasman	Key Test: NFPA 701-2010 TM#1					240
Verosol De Kieffe 18 7151 HZ Eibergen, Netherlands			Tel: 011 31 545 46 33 33		Ext:	
			Fax: 011 31 545 46 33 29			
PC: 0.5H DL/jd						
TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #1						
PRODUCT CONFIGURATION: <input checked="" type="checkbox"/> Single Layer; <input type="checkbox"/> Multi Layer						
RESULTS REPORTED: <input checked="" type="checkbox"/> Initially; <input type="checkbox"/> After 3 dry cleanings; <input type="checkbox"/> After 5 launderings @ 160°F						
RESULTS:						
Specimen #	Afterflame* (seconds)	Flaming Drip (seconds)	Weight Loss (percent)			
1	0	0	11.1			
2	0	0	13.7			
3	0	0	12.9			
4	0	0	13.7			
5	0	0	11.9			
6	0	0	13.9			
7	0	0	13.9			
8	0	0	13.0			
9	0	0	14.7			
10	0	0	13.8			
		-----	-----			
		Mean: 0	Mean:		13.3	
STATISTICAL VALUES: SD = 1.1 3 SD = 3.2 Mean + 3 SD = 16.4						
ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.						
APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 375 g/m ²						
PRECONDITIONING: <input checked="" type="checkbox"/> 0.5 hr @ 220°F (Standard) <input type="checkbox"/> 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)						
CONVERSION FACTOR: g/m ² ÷ 28.35 x .835 = oz/yd ²						
NOTE:						
1. All specimens prepared in the length direction.						
2. See addendum for individual specimen weights.						
(Page 1 of 3)						

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REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s 1-10
- Other: _____

FAILURE CRITERIA: As cited by NFPA 701 - 2010 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 - 2010 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 (15 seconds or more) could be cause for rejection by local fire authorities performing "match" field tests.

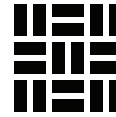
** See "Discussion" on Page 3.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2010 Edition Test Method #1.


 AUTHORIZED SIGNATURE
 THE GOVMARK ORGANIZATION, INC. / pm/146
MS. PHYLLIS PETTIT
 FEB 05 2014

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** DISCUSSION:

Weight Loss - Individual Specimen Failure:

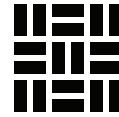
The NFPA 701 document, as written, provides for a statistical calculation which provides for retest and a potential failure if any individual value exceeds the mean by three standard deviations. Govmark is of the opinion that this cannot mathematically occur, i.e. no individual result is mathematically 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 The Govmark Organization, Inc.

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Client Name : Verosol
Addendum to Test Report # : 3-00344-0
Test : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	23.40	20.80	11.1
2	23.40	20.20	13.7
3	23.20	20.20	12.9
4	23.40	20.20	13.7
5	23.60	20.80	11.9
6	23.00	19.80	13.9
7	23.00	19.80	13.9
8	23.00	20.00	13.0
9	23.20	19.80	14.7
10	23.20	20.00	13.8

Mean Percent Weight Loss : 13.3
Standard Deviation : 1.1
3 x Standard Deviation : 3.2
Mean + 3 x Standard Deviation : 16.4

FEB 05 2014