

Received:01/24/2020	Completed:01/30/2020	Letter: I	BG	P.O.#:	Test Report #: 3-36837-0-
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Client's Identification	Style: Interior PVC Shutter. Date of Mfg.: 7/2019. Composition: PVC. Product End Use: Residential/Commercial.
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Tested For: Ed Mitcher Exus Shutters 1221 Champion Circle, Suite # 115 Carrollton, TX 75006	Key Test: NFPA 701-2019 TM#1 Tel: 1-(336)-337-8904 Fax: 1-()- -	295 Ext:
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LE:2019 V:01/19

PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2019 Edition - Test Method #1

PRODUCT CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

RESULTS REPORTED: ☒ Initially; ☐ After 3 dry cleanings; ☐ After 5 launderings @ 160°F

RESULTS:

Specimen #	Afterflame* (seconds)	Flamming Drip/Debris (seconds)	Weight Loss (percent)
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1	0	0	0.8
2	0	0	0.8
3	0	0	0.6
4	0	0	0.6
5	0	0	0.6
6	0	0	0.5
7	0	0	0.5
8	0	0	0.6
9	0	0	0.7
10	0	0	0.8
	-----	-----	-----
	Mean:	0	Mean: 0.7

STATISTICAL VALUES: SD = 0.1 3 SD = 0.3 Mean + 3 SD = 1.0

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

PRECONDITIONING: ☒ 0.5 hr @ 220°F (Standard)
☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²

NOTE:

See addendum for individual specimen weights.

REMARKS: Horizontal slat blind tested in a vertical configuration to comply with the length dimensions of the test procedure.

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GOVMARK

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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 _____
☒ Other: Test Method 1 conducted at client's request.

FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1

Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
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*	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 - 2019 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 could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.



AUTHORIZED SIGNATURE
SGS
/jab /pm

Phyllis Pettit

FEB 06 2020

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Client Name : Exus Shutters
Addendum to Test Report # : 3-36837-0
Test : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	259.40	257.20	0.8
2	262.20	260.20	0.8
3	262.20	260.60	0.6
4	259.40	257.80	0.6
5	262.40	260.80	0.6
6	260.60	259.20	0.5
7	261.40	260.00	0.5
8	259.60	258.00	0.6
9	262.00	260.20	0.7
10	260.80	258.80	0.8

Mean Percent Weight Loss : 0.7
Standard Deviation : 0.1
3 x Standard Deviation : 0.3
Mean + 3 x Standard Deviation : 1.0