



**NFPA 701 - 2010 FIRE TESTS FOR
FLAME-RESISTANT TEXTILES AND FILMS
-TEST METHOD 1-**

Client: Flame Safe Wood Products, Inc.
Address: 2653 Warfield Avenue
Fort Worth, TX 76106

Received Date: February 25, 2015 (SAT1502251714-001)
(This specimen was received in good condition.)

Test Date: March 13, 2015
Report Date: March 17, 2015
Revision Date: April 30, 2015

Project No: 101994820SAT-001A rev1

Sample Identification: Flame Safe Fabric Safe Fire Retardant;
Sample ID: Flame Safe Fabric Safe

Description: 100% cotton tent canvas (duck); cream-colored.
Fabric Safe is a transparent fire-resistant coating that
is spray applied to fabric material at the application
rate of roughly 200 sqft per gallon.

Sample Preparation: The specimen was sampled by Intertek
representative JM Cabrera on February 19, 2015.
Once the samples arrived at the Intertek testing
facility, the specimens were cut from a larger sample
to meet the required sample sizes. Client requested
testing to NFPA 701 Test Method 1 for this product.
Other than the conditioning described in the summary
of the test procedure below, the sample was tested
"as-received".

Specimens Dimensions: 150mm. x 400mm. x 1mm.

This Test Witnessed by: N/A

Environmental Conditions: 73°F and 48% r.h.

SUMMARY OF TEST PROCEDURE:

Ten specimens are cut with the long dimension parallel to the lengthwise direction of the material and conditioned for at least 30 min. at $105 \pm 3^{\circ}\text{C}$ ($220 \pm 5^{\circ}\text{F}$) before testing. The specimens are removed from the oven one at a time and tested within 2 minutes. The top edge of the specimen is attached to a pin bar so that the specimen is centered on the pin bar and the long dimension of the specimen is in the vertical position with 0.75" binder clips attached to the specimen at each bottom corner. A specified test flame is applied to the bottom center of the specimen for 45 sec. and then removed.

TEST CRITERIA:

The average weight loss of ten specimens shall not be greater than 40%. The percent weight loss of any individual specimen can not exceed the mean percent weight loss value plus three standard deviations of the percent weight loss. The average floor flame of ten specimens shall not be greater than 2 seconds.

TEST RESULTS

Sample No.	Wt. Before (grams)	Wt. After Test (grams)	Percent Wt. Loss	AfterFlame (sec.)	Floor Flame (sec.)
1	32.98	27.93	15.30	3	0
2	33.72	28.33	15.97	5	0
3	33.72	27.68	17.90	4	0
4	32.89	27.94	15.04	9	0
5	33.88	29.23	13.72	4	0
6	32.10	21.19	33.99	8	0
7	33.26	28.71	13.68	8	0
8	32.66	28.16	13.78	3	0
9	32.49	27.33	15.89	5	0
10	33.18	28.03	15.53	7	0
Average	33.09	27	17.08	6	0

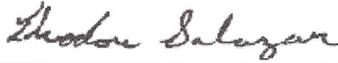
The mean percent weight loss value plus three standard deviations of the percent weight loss is **34.38**

Conclusion:

THE SPECIMEN PASSED THE TEST CRITERIA.

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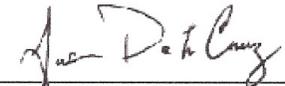
This report contains a total of three pages.



Theodore Salazar
Technician Team Leader

March 17, 2015

Reviewed and approved:



Jason De La Cruz
Senior Project Engineer

March 17, 2015

REVISION SUMMARY

DATE	SUMMARY
March 17, 2015	Original Issue. No revisions.
April 30, 2015	Added coverage rate of product application to description.