TEST REPORT

REPORT NUMBER: 100445340MID-001R2
ORIGINAL ISSUE DATE: July 11, 2011
REVISED DATE: September 6, 2011

EVALUATION CENTER
Intertek
8431 Murphy Drive
Middleton, WI 53562

Dickson Saint Clair
415 avenue de Savoie -
38110 Saint Clair de la Tour
France

PRODUCT EVALUATED: LAC 650 SL
EVALUATION PROPERTY: NFPA 701-10, METHOD 2
STANDARD METHODS OF FIRE TESTS FOR FLAME PROPAGATION OF TEXTILES AND FILMS

Report of Testing: LAC 650 SL
NFPA 701-10, METHOD 2
Standard Methods of Fire Tests for Flame Propagation
Of Textiles and Films

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2 Introduction

Intertek has conducted testing for Dickson Saint Clair, on Dickson St Clair Fabric LAC 650 SL to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began July 10, 2011 and was completed July 11, 2011.

3 Test Samples

3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on June 17, 2011.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Ten (10) specimens measuring 125 mm x 1200 mm ± 25 mm were prepared by Intertek. Samples were then conditioned in an oven at 105˚C ± 3˚C for no less than 1 hour, but no more than 3 hours before testing.

4 Testing and Evaluation Methods

4.1. TEST STANDARD 1

Ten (10) specimens of material 4.9 in. x 47.25 in. were cut with their long dimension parallel to the length direction (“with” machine). The test specimens were conditioned to 220-225°F (105-108°C) for not less than one hour and not more than 3 hours. Specimens were removed from the oven one at a time and tested immediately. The specimens were supported with clips in a three-sided vertical column and exposed to an 11” flame for two minutes. The flame impinged approximately 7 inches on the specimen.

Test Method Standard Pass/Fail Criteria:

No specimen should continued flaming for more than two seconds. Length of char should not exceed 17.1 inches from the bottom edge of the specimen. No flaming on floor of apparatus should last longer than two seconds.

4.1.1. Deviation from Standard Method

No deviations

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

Specimen #	Afterflame Duration (sec.)	Floor Flaming (sec.)	Char Length (in.)
1	0	0	6.50
2	0	0	7.60
3	0	0	5.80
4	0	0	7.30
5	0	0	6.80
6	0	0	7.50
7	0	0	6.40
8	0	0	6.80
9	0	0	7.10
10	0	0	6.80
Average	0	0	6.86

THE SPECIMEN PASSED THE TEST CRITERIA.

Equipment	ID
Stopwatch	1221
Flow meter	1209
Oven	80
Fire Cabinet	1203

Observations:

All samples behaved similarly. The specimens produced white smoke that ignited when a flame was present. The material shrank at the flame source. No dripping was observed.

6 Conclusion

Intertek has conducted testing for Dickson Saint Clair, on Dickson St Clair Fabric LAC 650 SL to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began July 10, 2011 and was completed July 11, 2011.

The sample PASSED the testing criteria for NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

INTERTEK

Reported by: 

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REVISION SUMMARY

DATE	SUMMARY
7/11/2011	Original Report
7/20/2011	Client Name Change
9/6/2011	Sample Name Change