



Sponsor: Richloom Fabrics
261 Fifth Avenue
12th Floor
New York, NY 10016



Date of Issue: 1/20/2023
Report Number: 23-000094
Revision Number: 1
Date Order Received: 01/16/2023

Sponsor's Identification: Zodiac
Alta IMO

CERTIFICATE OF TESTING

TEST PERFORMED: IMO 2010 FTP Code, Part 8 – Test for upholstered furniture

TEST RESULTS

Specimen	Progressive Smoldering (Y/N)	Flaming (Y/N)	Char Length (mm)
1	No	No	12
2	No	No	11

Specimen	Flaming* (s)	Glowing* (s)	Smoking* (s)	Smoldering* (s)	Char Length (mm)
1	0	0	2	0	52
2	0	0	3	0	56

NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity
Sampling Method: As Received
Deviations: None
Test Item Composite Filling Material -
☒ Standard filling material
☐ Non flame retardant flexible polyether foam, 22 kg/m3 (1.4 lb/ft3)
☒ Flame retardant polyurethane foam, CMHR, 35 kg/m3 (2.2 lb/ft3)
☐ Client's filling material

ACCEPTANCE CRITERIA

Smoldering Ignition Source

- Progressive smoldering or flaming must cease within one hour after start of test

Flaming Ignition Source

- Flaming, glowing, smoking or smoldering may not exceed 120 seconds

CONCLUSION Based on the above results and failure criteria, the item tested:
☒ Meets the requirements - May be labeled IMO FTPC Part 8
☐ Does not meet the requirement

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above. The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Authorized Signature

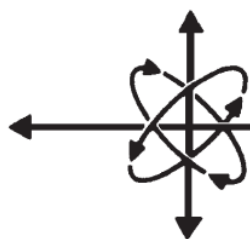
Date Order Completed: 01/20/2023

APPENDIX

Company Submitting Testing	Richloom Fabrics Group
Manufacturer of Material	
Product Identification	Zodiac
Color Submitted	Harbor
Weight of Fabric	509.39 grams per square meter
End Use	Upholstery (Not Specified)
Material Thickness	
Coating Type + Weight	
Method + Qty of Fire	
Retardant Treatment	Alta IMO
Content	43% polyester,48% viscose,9% cotton
Weave Type	
Pick + End Count	
Yarn Type / Count	

The Appendix information above is provided by the Sponsor and is not determined by Applied Lab.

Date Sample Arrived	1/16/23
Cleaning / Weathering Procedure	
Date of Test	1/20/23
Cigarette Used	NIST SRM 1196 Length: 70 ±4mm, Diameter: 8 ± 0.5mm, Mass: 0.95 ± 0.15g, Smoldering rate: 11 ± 4.0 min / 50mm



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January 16, 2023

Ms. Sandy DePriest
RICHLOOM FABRICS GROUP
100 Bailey Plant Road
Clinton, NC 29325

Reference: Laboratory Test Report
Lab Identification No. 53379
Invoice No. 84704

Dear Ms. DePriest:

One (1) fabric sample, identified as **ZODIAC HARBOR 595269**, was received and tested in accordance with the California Technical Bulletin 117-2013, Section 1, Cover Fabric Test. The results are as follows:

Test Results

<u>Vertical Char Lengths</u>		
11mm	11mm	10mm

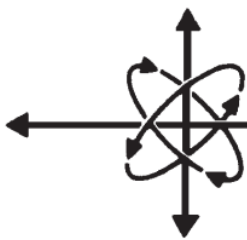
The sample submitted **meets** the requirements of the above standard. There were no ignitions or smoldering after 45 minutes on any of the three specimens tested. In addition, none of the three test specimens displayed a char which was greater than 45 mm.

Sincerely,

Brian S. Dement

BSD/mr





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Lab Identification No. 53379

Sample Identification: **ZODIAC HARBOR 595269**

