

TECHNICAL REPORT



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Our Ref: **TFFLF74531**
Date: 21 July 2017
Delivery Date: 12 July 2017
Test Dates: 13 - 20 June 2017

For the attention of Vescom B.V

SAMPLE(S) FOR TEST:

One, Composite sample Ref: Lamu 7051 FR (Impregnated)

Note: The above descriptions are as supplied by the client and have not been verified by FIRA who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

BS 5852: 2006, Clause 11 Ignition Source 5

RESULT:

Pass - P 5

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FIRA International Ltd
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TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF74531
 Item: One, Composite sample Ref: Lamu 7051 FR (Impregnated)
 Supplied By: Vescom B.V



The following test results relate only to the ignitability of the complete item (BS 5852: 2006 Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

IGNITABILITY TEST ACCORDING TO BS 5852: 2006-CLAUSE 11- IGNITION SOURCE 5 METHODS OF TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES.

Initial Inspection: Condition as new

Conditioning: ≥3 days at indoor ambient conditions and ≥24 hours at 20±5°C & 50±20% rh

Test conditions: The test was conducted within the required conditions of 10-30°C & 15-80%rh as specified in section 7.4 of BS 5852: Part 2:2006

Filling material: A combustion modified high resilience foam 35kg/m³ Ref: CMHR35

RESULTS

SOURCE NO.	AP.	FLAMES	SMOKE/ SMOULDER	IGNITION/NON-IGNITION
5	1	3min 47sec	9min 35sec	PASS N/I
	2	3min 54sec	10min 49sec	PASS N/I

OBSERVATIONS

CLAUSE	SMOULDER FAIL CRITERIA	RESULT IGNITION/ NON IGNITION
4.1.1a	Unsafe escalating smouldering combustion	PASS (N/I)
4.1.1b	Smoke/ Smoulder >60min after placement of cigarette	N/A
4.1.1c	Smoulders to extremities i.e. reaches earthier side or by way if either fully consuming/ the test specimen	PASS (N/I)
4.1.1e	Source 1, 5 & 7 Smoulder >60min after placement of ignition source	PASS (N/I)
4.1.1f	Smoulder damage >100mm in any direction (other than upward) from original position of source.	PASS (N/I)
CLAUSE	FLAMING FAIL CRITERIA	RESULT IGNITION/ NON IGNITION
4.2.1a	Unsafe escalating combustion- forcible extinction was required	PASS (N/I)
4.2.1b	Test assembly burnt until it was essentially consumed	PASS (N/I)
4.2.1c	Flames reached the extremities- earthier side or by way if either fully consuming/ the test specimen	PASS (N/I)
4.2.1e	For Source 5 Flames continued for >10min	PASS (N/I)

CONCLUSION

This sample passes the requirements of BS 5852: 2006 Clause 11, Ignition source 5.

Tested by: Barry Worrell
 Reported by: Nathaly Da Silva
 Approved by: Laura Gallop
 Senior Technician - Flammability

***** End of Report *****

