

TECHNICAL REPORT



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Our Ref: **TFFLF51937**
Date: 06 May 2014
Delivery Date: 15 April 2014
Test Dates: 28 April – 02 May 2014

For the attention of Mr Gary Jackson

SAMPLE(S) FOR TEST:

One, Foam – Ref: 2700 59/100, 28kg, 17.5% Melamine

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:

Schedule 1 part I (based on BS 5852: 1982 Part 2)

RESULT:

Pass

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Registered in England No. 3181481

TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF51937

Item: One, Foam – Ref: 2700 59/100, 28kg, 17.5% Melamine

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

TEST RESULTS

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 1 PART 1 FOR POLYURETHANE FOAM (BASED ON BS 5852: 1982 PART 2)

Conditioning: ≥ 3 days at indoor ambient conditions and ≥ 16 hours at $20 \pm 5^\circ\text{C}$ & $50 \pm 20\%$ rh

Initial Inspection: Condition as new

Test conditions: 18.7°C & 44.9% rh

Test procedure - as detailed in Schedule 1 Part 1 to the above Regulations using the specified FR polyester cover material

Ignition Source		Ignition/ Non-Ignition	Duration of		
No.	Pos.		Ignition Source	Flames	Smoke/ Smoulder
5	1	PASS (N/I)	3min 00sec	3min 33sec	10min 00sec
	2	PASS (N/I)	3min 02sec	4min 06sec	10min 00sec

Weight loss: 1st Application: 0.021kg
 2nd Application: 0.022kg

Extent of damage: Damage did not exceed permitted limits.

CONCLUSION

On the basis of the test carried out this polyurethane slab foam meets the flammability performance requirements of the test specified in Schedule 1 part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989, 1993 and 2010.

Tested by: Barry Worrell

Reported by: Jordan Eaves

Approved by: Stephen Cotton
 Technical Specialist – Flammability



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

