TECHNICAL REPORT

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989 AND 1993 SCHEDULE 5 PART III THE MATCH TEST (BASED ON BS 5852: 1979 PART 1)

Item: One, Fabric – Ref: EMBOSSED LINING 120 (±) 5 GRS

Initial Inspection: Condition as new Conditioning: ≥4 days at 20±5°C & 50±20% rh

Test conditions: 21°C & 58% rh

Test procedure - as defined in Schedule 5 Part III to the above Regulations using the specified combustion modified high resilience foam 24-26kgm^3.

Ignition Source		Ignition/ Non-Ignition	Duration of		
No.	Pos.		Ignition Source	Flames	Smoke/ Smoulder
1	1	PASS (N/I)	20sec	1min 50sec	1min 58sec
	2	PASS (N/I)	20sec	1min 21sec	1min 36sec

COMMENTS

On contact with the ignition source the cover material melted open slightly and ignited briefly, partially exposing the underlying filling. The partially exposed filling melted but did not ignite. Final examination showed that all materials were damaged.

CONCLUSION

This fabric sample passes the test specified in Schedule 5 Part III of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989 and 1993.

Tested by: Barry Worrell

Reported & Approved by: Stephen Cotton
Technical Specialist - Flammability



TECHNICAL REPORT

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Our Ref: **TFFLF29683**
Date: **14 August 2009**
Delivery Date: **31 July 2009**
Test Dates: **04 – 10 August 2009**

SAMPLE(S) FOR TEST :

One, Fabric – Ref: EMBOSSED LINING 120 (±) 5 GRS

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 :	RESULT :
Schedule 4 part II (based on BS 5852: 1979 Part 1)	Pass
Schedule 5 part III (based on BS 5852: 1979 Part 1)	Pass

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DESCRIPTION

Enquiry No. TFFLF29683

Item: One, Fabric – Ref: EMBOSSED LINING 120 (±) 5 GRS

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 AND 1993 SCHEDULE 4 PART II THE CIGARETTE TEST (BASED ON BS 5852: 1979 PART 1)

Initial Inspection: Condition as new Conditioning: ≥4 days at 20±5°C & 50±20% rh

Test conditions: 21°C & 58% rh

Filling material: A combustion modified high resilience foam 24-26kg/m^3 Ref: CMHR25.

Test procedure - as defined in Schedule 4 part II of the above Regulations.

Ignition Source		Ignition/ Non-Ignition	Duration of		
No.	Pos.		Ignition Source	Flames	Smoke/ Smoulder
0	1	PASS (N/I)	16min 54sec	N/A	19min 50sec
	2	PASS (N/I)	17min 22sec	N/A	20min 33sec

COMMENTS

On contact with the smouldering cigarette, the cover melted exposing the underlying material. The final examination showed the underlying filling to be damaged only superficially.

CONCLUSION

This composite passes the test specified in Schedule 4 Part II of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989 and 1993.

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