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Chieftain Fabrics

Trim

Co. Meath

Ireland

Our Ref: **TFFLF70894**

Date: 27 January 2017

Delivery Date: 16 January 2017

Test Dates: 17-26 January 2017

For the attention of Sinead Doyle

SAMPLE(S) FOR TEST:

One, Fabric – Ref: Trimcell

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 4 part I (based on BS 5852: 1979 Part 1)
Schedule 5 part I (based on BS 5852: 1979 Part 1)

RESULT:

Pass
Pass

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TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF70894

Item: One, Fabric – Ref: Trimcell

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 4 PART 1 MODIFICATION TO BS 5852: PART 1 THE CIGARETTE TEST

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: 21.2°C & 36.2% rh

Filling material: A conventional urethane foam of nominal density 20-22kgm³ Ref: VP45, and an 85g thermally bonded polyester fibre wrap.

Test procedure - as defined in Schedule 4 part 1 of the above Regulations.

Ignition Source		Ignition/ Non-Ignition	Duration of		
No.	Pos.		Ignition Source	Flames	Smoke/ Smoulder
0	1	PASS (N/I)	27min 19sec	N/A	29min 38sec
	2	PASS (N/I)	28min 44sec	N/A	30min 53sec

COMMENTS

Local charring of the cover occurred in the area immediately surrounding the cigarette. The cover char remained intact throughout the test. The final examination showed the underlying filling to be damaged only superficially.

CONCLUSION

This composite passes the test specified in Schedule 4 Part 1 of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989, 1993 and 2010.

TECHNICAL REPORT

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 5 PART 1 THE MATCH TEST (BASED ON BS 5852: 1979 PART 1)

Item: One, Fabric – Ref: Trimcell

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: 21.1°C & 33.2% rh

Test procedure - as defined in Schedule 5 part 1 of the above Regulations using specified non fire-retardant polyurethane foam $20\text{-}22\text{kg/m}^3$.

Ignition Source		Ignition/ Non-Ignition	Duration of		
No.	Pos.		Ignition Source	Flames After Removal of Ignition	Smoke/ Smoulder
1	1	PASS (N/I)	20sec	0min 03sec	0min 10sec
	2	PASS (N/I)	20sec	0min 00sec	0min 07sec

COMMENTS

The cover, though charred, remained intact throughout the test. The final examination showed the underlying filling was damaged only superficially.

CONCLUSION

This fabric sample passes the test specified in Schedule 5 Part 1 of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989, 1993 and 2010.

Tested by: Barry Worrell

Reported by: Terrie Willbourn

Approved by: Liz Morey
Technical Specialist

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