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Our Ref: **TFFLF71112**

Date: 24 February 2017

Delivery Date: 09 February 2017

Test Dates: 13 – 23 February 2017

For the attention of Domenico Di Fonzo

SAMPLE(S) FOR TEST:

One, Fabric – Ref: Blumare FR Collection

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: TFFLF71112

Item: One, Fabric – Ref: Blumare FR Collection

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: 23.0°C & 40.5% 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)	5min 51sec	N/A	5min 51sec
	2	PASS (N/I)	5min 26sec	N/A	5min 26sec

COMMENTS

The cigarettes and test assembly self extinguished after 5 minutes 51 seconds and 5 minutes 26 seconds. Approximately 9mm and 8mm respectively of the cigarette lengths were consumed. Damage to the cover was minimal. 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: Blumare FR Collection

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: 23.5°C & 41.4% 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.		Application Time	Flames After Removal of Ignition	Smoke/Smoulder
1	1	PASS (N/I)	20sec	0min 01sec	0min 04sec
	2	PASS (N/I)	20sec	0min 01sec	0min 04sec

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: Stephen Cotton

Reported by: Deme-Daisy Clarke-Phipps

Approved by: Liz Morey
Technical Specialist

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