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Our Ref: **TFFLF71105**

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, Non-visible fabric – Ref: Nemofire Cotton

*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 II (based on BS 5852: 1979 Part 1)  
Schedule 5 part III (based on BS 5852: 1979 Part 1)

**RESULT:**

Pass  
Pass

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# TECHNICAL REPORT

## DESCRIPTION

Enquiry No: TFFLF71105

Item: One, Non-visible fabric – Ref: Nemofire Cotton

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 II THE CIGARETTE TEST (BASED ON BS 5852: 1979 PART 1)**

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

Initial Inspection: Condition as new

Test conditions:  $23.4^{\circ}\text{C}$  &  $44.0\%$  rh

Filling material: A combustion modified high resilience foam  $24\text{-}26\text{kg/m}^3$  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)	22min 16sec	N/A	24min 31sec
	2	PASS (N/I)	23min 20sec	N/A	25min 53sec

## CONCLUSION

This composite passes the test specified in Schedule 4 Part II 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 III THE MATCH TEST (BASED ON BS 5852: 1979 PART 1)

Item: One, Non-visible fabric – Ref: Nemofire Cotton

Conditioning: ≥3 days at indoor ambient conditions and ≥16 hours at 20±5°C & 50±20% rh

Initial Inspection: Condition as new

Test conditions: 24.0°C & 44.1% rh

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

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 07sec
	2	PASS (N/I)	20sec	0min 01sec	0min 07sec

### CONCLUSION

This fabric sample passes the test specified in Schedule 5 Part III 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 \*\*\*\*\*