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Allsave Textiles Ltd

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Our Ref: **FL-61992-S1**
Date: 04 July 2023
Delivery Date: 21 June 2023
Test Dates: 21 June 2023 - 03 July 2023

For the attention of Sarah Clarke

SAMPLE(S) FOR TEST:

One, Non-Visible Fabric – Ref: Grey 100% Warp Knit Polyester Platform K Grey Brown Beige Black 100G/SM Batch 148-149

Note: The above descriptions are as supplied by the client and have not been verified by FIRA International 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 - P0
Pass - P1

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When a statement of conformity to a test standard is reported the test result(s) are unlikely to be the "true" result(s) due to measurement uncertainty. When the sample is tested under the criteria and conditions as defined in the method and the measured result is outside of the upper/lower acceptance limit and corrected for uncertainty at 95% probability, the risk of a false accept/reject is $\leq 2.5\%$. These results will be reported as Pass/Fail. If the test result(s) obtained under the same conditions is close to the upper/lower acceptance limit and could be either side of the accept/reject threshold these results will be reported as Fail"



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FIRA International
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TECHNICAL REPORT

DESCRIPTION

Enquiry No: FL-61992-S1

Item: One, Non-Visible Fabric – Ref: Grey 100% Warp Knit Polyester Platform K Grey Brown Beige Black 100G/SM Batch 148-149

Supplied by: Allsave Textiles Ltd

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.

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 **SCHEDULE 4 PART II FOR NON-VISIBLE COVERS- MODIFICATION TO BS 5852: PART I THE CIGARETTE TEST**

Initial Inspection: Condition as new

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

Filling material: A combustion modified high resilience foam 24-26kg/m³ Ref: CMHR25.

Test procedure: As defined in Schedule 4 part II of the above Regulations

Test conditions: The test was conducted within the required conditions of 15-30°C & 20-70%rh

RESULTS

Source No.	Application No.	Smoke/ Smoulder	Result - Ignition/ Non-Ignition
0	1	16min 48sec	PASS N/I
	2	18min 12sec	PASS N/I

COMMENTS

SCHEDULE 4 PART II MODIFICATION TO BS 5852: PART 1 THE CIGARETTE TEST	APP.1	APP.2
Both cigarettes were fully consumed within the stipulated 1 hour time period, however the cover and filling assembly continued to smoulder for greater than the stipulated 60min time period.	NO - PASS N/I	NO - PASS N/I
Progressive smouldering was established, the rate of smoulder was rapid, and the test was terminated before the stipulated time period	NO - PASS N/I	NO - PASS N/I
Flames occurred though progressive smouldering, therefore the test was terminated before the stipulated 60min time period as it was deemed unsafe to continue	NO - PASS N/I	NO - PASS N/I

CONCLUSION

This non-visible fabric Ref: Grey 100% Warp Knit Polyester Platform K Grey Brown Beige Black 100G/SM Batch 148-149, 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

DESCRIPTION

Enquiry No: FL-61992-S1

Item: One, Non-Visible Fabric – Ref: Grey 100% Warp Knit Polyester Platform K Grey Brown Beige Black 100G/SM Batch 148-149

Supplied by: Allsave Textiles Ltd

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.

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)**

Initial Inspection: Condition as new

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

Test procedure: as defined in Schedule 5 part III of the above Regulations using specified combustion modified high resilience foam 24-26kg/m³.

Test conditions: The test was conducted within the required conditions of 15-30°C & 20-70%rh

RESULTS

Source No.	Application No.	Application Time	Flaming Time Following Removal of Source	Smoke/Smoulder	Result - Ignition/Non-Ignition
1	1	20sec	00min 00sec	00min 18sec	PASS N/I
	2	20sec	00min 00sec	00min 17sec	PASS N/I

COMMENTS

SCHEDULE 5 PART III THE MATCH TEST BASED ON BS 5852: 1979 PART 1 THE MATCH TEST	APP.1	APP.2
After removal of the ignition source the cover fabric melted open to expose the underlying filling material. The cover and filling assembly immediately ignited. The rate of fire development was rapid and the test was terminated before the stipulated 120sec time period as it was unsafe to continue	NO - PASS N/I	NO - PASS N/I
After removal of the ignition source the cover fabric melted open to expose the underlying filling material. The cover and filling assembly immediately ignited. Flames continued beyond the stipulated 120sec time period	NO - PASS N/I	NO - PASS N/I
After removal of the ignition source the cover fabric ignited, flames spread across the surface of the cover, leaving behind an intact char. The cover continued to burn for greater than the stipulated 120sec time period	NO - PASS N/I	NO - PASS N/I
After removal of the ignition source the cover ignited, the cover char split and the underlying filling material ignited, the cover and filling assembly continued to burn for greater than the stipulated 120sec time period	NO - PASS N/I	NO - PASS N/I
All flames ceased within the permitted 120sec, the test assembly continued to smoulder for greater than the stipulated 15min time period	NO - PASS N/I	NO - PASS N/I

CONCLUSION

This non-visible fabric sample Ref: Grey 100% Warp Knit Polyester Platform K Grey Brown Beige Black 100G/SM Batch 148-149, passes the test specified in Schedule 5 Part III of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989, 1993 and 2010.

Approved by: Stephen Cotton
Section Head - Flammability



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



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