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Neveon Romania S.R.L.

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ROMANIA

Our Ref: **FL – 59602-S1**

Date: 16 June 2023

Delivery Date: 09 May 2023

Test Dates: 11 May - 15 June 2023

For the attention of Simona Badiu

SAMPLE(S) FOR TEST:

One, Foam – Ref: RF2828 Batch D796 White Colour

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 1 Part I (based on BS 5852: 1982 Part 2)

RESULT:

Pass - P5

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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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TECHNICAL REPORT

DESCRIPTION

Enquiry No. FL - 59602-S1
Item: Foam – Ref: RF2828 Batch D796 White Colour
Supplied by: **Neveon Romania S.R.L.**

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 1 PART 1 FOR POLYURETHANE FOAM (BASED ON BS 5852: 1982 PART 2)

Initial Inspection: Condition as new.

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

Test Procedure: Test rig - as specified in 6.1.1 of BS 5852-2: 1982, foam sample and covered with a FR polyester material as specified in paragraph 2 of Schedule 1 Part 1 of the above regulations (as amended).

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

RESULTS

Ignition Source No.	App No.	Flaming of Assembly	Smoke/ Smoulder	Result - Ignition/ Non-Ignition
5	1	3min 23sec	10min 00sec	PASS N/I
	2	3min 36sec	10min 00sec	PASS N/I

Application	Initial Weight (kg)	Final Weight (kg)	Total Mass Loss (kg)
1	6.153	6.125	0.028
2	6.158	6.132	0.026

COMMENTS

CLAUSE	SMOULDERING CRITERIA	App 1.	App 2.
4.1b	Smoke/ smoulder >than 60min after ignition of crib	NO - PASS N/I	NO - PASS N/I
4.1c	Unsafe escalating smouldering	NO - PASS N/I	NO - PASS N/I
4.1d	Test assembly consumed	NO - PASS N/I	NO - PASS N/I
4.1e**	Smoulders to either side of the lower margins or through full thickness	NO - PASS N/I	NO - PASS N/I
4.1f**	Charring/ other than discolouration extending more than 100mm, other than upwards from position of the crib	NO - PASS N/I	NO - PASS N/I
CLAUSE	FLAMING CRITERIA	App 1.	App 2.
4.2b	Flaming >10 min from ignition of crib	NO - PASS N/I	NO - PASS N/I
4.2d	Unsafe escalating combustion	NO - PASS N/I	NO - PASS N/I
4.2e	Test assembly consumed	NO - PASS N/I	NO - PASS N/I
4.2f**	Flames through full thickness/ flames reach lower margin	NO - PASS N/I	NO - PASS N/I

CONCLUSION

On the basis of the test carried out this polyurethane slab foam Ref: RF2828 Batch D796 White Colour, passes the flammability performance requirements of the test specified in Schedule 1 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989, 1993 and 2010.

Approved by: Vanessa Mitchell
Technical Specialist - Flammability

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



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