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Pelma Spa

Produzione Polluretano Espanso
Via Mazzini 500
25020 Bassano Bresciano (bs)
Italy

Our Ref: **TFFLF75610**

Date: 19 September 2017

Delivery Date: 11 September 2017

Test Dates: 13 – 18 September 2017

For the attention of Alberto Cividati

SAMPLE(S) FOR TEST:

One, Foam– Ref: Yellow 35cmes

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

RESULT:

Pass - P 5

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TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF75610
Item: Foam– Ref: Yellow 35cmes
Supplied By: **Pelma Spa**

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 10-30°C & 15-80% rh

RESULTS

Ignition Source No.	Application No.	Flaming of Assembly	Smoke/ Smoulder	Result Ignition/ Non-ignition
5	1	03min 04sec	10min 00sec	PASS N/I
	2	03min 36sec	10min 00sec	PASS N/I

Application	Initial Weight (kg)	Final Weight (kg)	Total Mass Loss (kg)
1	6.876	6.847	0.029
2	6.969	6.941	0.028

OBSERVATIONS

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 combustion	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: Yellow 35cmes, meets 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

Tested by: Barry Worrell
Reported by: Nathaly Da Silva
Approved by: Howard James
Operations Manager- Testing
***** End of Report *****

