

Test Certificate 111547 - 1

Report Details

Report Number	111547 - 1	Date Tested	14-Nov-23	Date Issued	16-Nov-23
Service Requested	BS 5852 Part 2: 1982 - Schedule 1 Part 1				

Customer Details

Company Name	STRANDFOAM UK LIMITED				
Customer Contact	RUSSELL BAXTER	Company Address	3 HUNTS RISE, SOUTH MARSTON PARK,		
Customer Ref/PO			SN3 4TG		

Customer Details - As Supplied by the Customer

Sample Description	BLUE POLYURETHANE BLOCK
Fibre Composition	FLEXIBLE POLYURETHANE FOAM

Quality/Batch Ref SF011123

Colour BLUE

Sample End Use

Model Ref SF 33/190

Manufacturer

Supplier / Buyer

Specification:

Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324

Test Methods:

BS 5852 Part 2: 1982 Source 5 - Methods of test for the ignitability of upholstered composites for seating by flaming sources.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $20 \pm 5^{\circ}\text{C}$ and $50 \pm 20\%$ relative humidity.

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Test Results

The Following test results relate only to the ignitibility of the combination of the 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 Criteria	Initial Test	Repeat Test
*Resultant Mass Loss [g] [<60g]	28.00	30.00
*Flaming Ceased:	2.45	2.56
Progressive Smouldering Criteria		
*Detectable amounts of smoke, heat or glowing 60 minutes after ignition	<input type="checkbox"/>	<input type="checkbox"/>
Displays unsafe escalating combustion and requires forcibly extinguishing?	<input type="checkbox"/>	<input type="checkbox"/>
Smouldering consumed the test specimen within the duration of the test?	<input type="checkbox"/>	<input type="checkbox"/>
Smoulder to the Extremities? I.E Upper or Lower margins, either side or to its full thickness	<input type="checkbox"/>	<input type="checkbox"/>
On final inspection, any evidence of Charring?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Flaming Criteria		
*Flaming for more then 10 minutes:	<input type="checkbox"/>	<input type="checkbox"/>
Displays unsafe escalating combustion?	<input type="checkbox"/>	<input type="checkbox"/>
Flaming and/or smouldering consumed the test specimen within the duration of the test?	<input type="checkbox"/>	<input type="checkbox"/>
Flame front reaches the upper or lower margin, either side or passes through the full thickness?	<input type="checkbox"/>	<input type="checkbox"/>
Test Result	PASS	PASS

Overall Result: PASS

The sample supplied meets the requirements of Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form of The Furniture & Furnishings (Fire) (Safety) Regulations 1988 (as amended), S.I. 1324

Authorised Signature:



Zeb Alam

Operations Director

The uncertainty of measurement is taken into account when stating conformance to the specification. The test results are compared with the acceptance limits which are determined by reducing the specification limit by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval) and providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is $\leq 2.5\%$. All test results issued on this report refer only to the item under test as supplied by the customer.

END OF REPORT