

# Test Certificate 111548 - 1

**Report Details** 

Report Number 111548 - 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,

Customer Ref/PO SOUTH MARSTON PARK,

SN3 4TG

#### **Customer Details - As Supplied by the Customer**

Sample Description WHITE POLYURETHANE BLOCK
Fibre Composition FLEXIBLE POLYURETHANE FOAM

Quality/Batch Ref SF301023

Colour WHITE

Sample End Use

Model Ref SF 24/140 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 ignitibility 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  $20 \pm 5^{\circ}$ C and  $50 \pm 20\%$  relative humidity.

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Page 1 of 3



2513



# Test Certificate 111548 - 1

### **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]	32.00	34.00
*Flaming Ceased:	3.05	3.19
Progressive Smouldering Criteria		
*Detectable amounts of smoke, heat or glowing 60 minutes after ignition		
Displays unsafe esculating combustion and requires forcibly extinguishing?		
Smouldering consumed the test specimen within the duration of the test?		
Smoulder to the Extremities? I.E Upper or Lower margins, either side or to its full thickness		
On final inspection, any evidence of Charring?	✓	✓
Flaming Criteria		
*Flaming for more then 10 minutes:		
Displays unsafe escalating combustion?		
Flaming and/or smouldering consumed the test specimen within the duration of the test?		
Flame front reaches the upper or lower margin, either side or passes through the full thickness?		
Test Result	PASS	PASS

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Page 2 of 3



251



# Test Certificate 111548 - 1

**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:

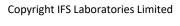
**Zeb Alam** 

**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 Uk=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 ≤2.5%. All test results issued on this report refer only to the item under test as supplied by the customer.

**END OF REPORT** 

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Page 3 of 3 25: