

Test Certificate 125973-2

Report Details

Date Received: 15/04/2025 **Date Tested:** 23/04/2025 **Date Issued:** 29/04/2025
Service Requested: BS 5852 Part 1: 1979 (Schedule 4 Part 1 & Schedule 5 Part 1)

Customer Details

Company Name: FLAMENTEK LIMITED
Company Address: COMPASS HOUSE, BUNWELL ROAD, BESTHORPE, NORFOLK, NR17 2NZ
Customer Contact: JANE GIRLING
Customer Ref/PO: 22207

Sample Details – As Supplied by the Customer

Sample Description: PLANUM - WOVEN FABRIC. TREATED WITH A DURAFLAM® FLAME RETARDANT FORMULATION BY FABRIC FLARE SOLUTIONS LTD
Fibre composition: 44% NEW WOOL, 42% POLYESTER, 14% NYLON
Quality/Batch Ref: PLANUM (EX. KVADRAT A/S) **Sample End Use:** UPHOLSTERY
Model Ref: NOT STATED **Manufacturer:** NOT STATED
Sample Colour: VARIOUS **Supplier / Buyer:** KVADRAT A/S

Test Details

Regulation Schedule 4 Part 1 (The Cigarette test) and Schedule 5 Part 1 (The Match test) of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324.
Test Method: BS 5852 Part 1: 1979 – Methods of test for the ignitability by smokers' materials of upholstered composites for seating.
Pre-treatment: Water soak procedure in accordance with BS 5651: 1978 – Clause 4 (as amended by The Furniture and Furnishings (Fire) (Safety) Regulations 1988.
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. Testing had been carried out in a draught-free environment having a temperature of 10°C - 30°C and a relative humidity of 15%rh – 80% rh.

Overall Result:

PASS

Authorised by:



Mark Jones
General Manager

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits 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 $\leq 2.5\%$. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com



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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. "Due to the conditions of the sample under test, test results may vary, it should be noted that the results stipulated in this report relate only to the sample as received. In situations when samples or products could potentially contribute to invalid or questionable results as for products that fall outside the intended scope of the selected test method then such results must be viewed with caution"

Test Criteria	Unit	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
*Smouldering Duration:	Min	FTS	FTS
4.1 - Progressive Smouldering Criteria			
Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette:	Y/N	NO	NO
Evidence of melting:	Y/N	NO	NO
Evidence of charring:	Y/N	YES	YES
Evidence of dripping:	Y/N	NO	NO
Cover split:	Y/N	NO	NO
Forcibly Extinguished:	Y/N	NO	NO
4.2 Flaming Criteria			
Filling Material Used:		VP45 20-22Kg/m ³	VP45 20-22Kg/m ³
Flaming for more than 10 minutes:	Y/N	NO	NO
Displays unsafe escalating combustion?	Y/N	NO	NO
Flaming and/or smouldering consumed the test specimen within the duration of the test?	Y/N	NO	NO
Flame front reaches the upper or lower margin, either side or passes through the full thickness?	Y/N	NO	NO
Test Result (Ignition or non-Ignition)		NI	NI

FTS = Cigarettes failed to smoulder their complete length

Conclusion:

The sample under test **meets** the UK Furniture and Furnishing (Fire) (Safety) Regulations 1988 (as amended 1989, 1993, 2010) S.I.1324, when tested in accordance with BS 5852 Part 1: 1979.

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits 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 $\leq 2.5\%$. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com



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