

## Test Certificate 114290 - 1

### Report Details

**Report Number** 114290 - 1      **Service Requested** BS 5852 Part 1: 1979 - Schedule 4 Part 1 & Schedule 5  
**Date Received** 28-Feb-24      **Date Tested** 05-Mar-24      **Date Issued** 05-Mar-24

### Customer Details

**Company Name** FLAMENTEK LIMITED  
**Customer Contact** JANE GIRLING      **Company Address** COMPASS HOUSE  
**Customer Ref/PO** 22082      BUNWELL ROAD BESTHORPE  
NORFOLK  
NR17 2NZ

### Customer Details - As Supplied by the Customer

**Sample Description** Ame – woven fabric. Treated with a Duraflam® Flame Retardant formulation by Fabric Flare Solutions Ltd  
**Fibre Composition** 100% polyester (recycled polyester waste)

**Quality/Batch Ref** Ame (ex. Kvadrat A/S)

**Colour** Various

**Sample End Use** Upholstery

**Model Ref**

**Manufacturer**

**Supplier / Buyer** Kvadrat A/S

### Specification:

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 Methods:

BS 5852 Part 1: 1979 – Methods of test for the ignitibility by smokers' materials of upholstered composites for seating.

### 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.

### Pre-Treatment:

Water soak procedure in accordance with BS 5651: 1978 – Clause 4 (as amended by The Furniture and Furnishings (Fire) (Safety) Regulations 1988

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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 Type	Schedule 4 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m <sup>3</sup>	VP45 20-22Kg/m <sup>3</sup>
*Smouldering Duration [mm:ss]:		FTS	FTS
*Progressive smouldering and/or flaming observed within one hour of the placement of the cigarette:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
Cover Split		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

Test Type	Schedule 5 Part 1	Initial Test	Repeat Test
Filling Material Used:		VP45 20-22Kg/m <sup>3</sup>	VP45 20-22Kg/m <sup>3</sup>
*Smouldering / Flaming / Glowing Duration [mm:ss]:		0:00	0:00
*Progressive smouldering observed within one hour after the removal of the flame:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of melting:		<input type="checkbox"/>	<input type="checkbox"/>
Evidence of charring:		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of dripping:		<input type="checkbox"/>	<input type="checkbox"/>
*Flaming continued for more then 120 seconds after the removal of the burner:		<input type="checkbox"/>	<input type="checkbox"/>
Forcibly Extinguished		<input type="checkbox"/>	<input type="checkbox"/>
Test Result		PASS	PASS

**Overall Result: PASS**

The sample supplied meets the UK Furniture and Furnishing (Fire)(Safety) Regulations 1988 (amended 1989, 1993, 2010) 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**