IFS Laboratories Limited

Test Certificate 117330-1

Report Details

Date Received:	24/06/2024	**Date Tested:**	01/07/2024	**Date Issued:**	09/07/2024
Service Requested:	BS EN 13773: 2003				

Customer Details

Company Name:	SMD CONTRACTS
Company Address:	UNIT F2, PITTMAN WAY, FULWOOD, PRESTON, PR2 9ZD
Customer Contact:	SARAH WALLING
Customer Ref/PO:	NOT STATED

Sample Details – As Supplied by the Customer

Sample Description:	ALTO		
Fabric Composition:	100% POLYESTER		
Quality/Batch Ref:	NOT STATED	**Sample End Use:**	CONTRACT DRAPERY
Model Ref:	NOT STATED	**Manufacturer:**	NOT STATED
Sample Colour:	NOT STATED	**Supplier / Buyer:**	SMD HOLDINGS LTD

Test Details

Specification:	BS EN 13773: 2003 – Textiles and Textile Products – Burning behaviour – Curtains and drapes – Classification Scheme
Test Methods:	BS EN 1101: 1996 – Textile and Textile Products – Burning behaviour – Curtains and Drapes – Detailed procedure to dentine the ignitability of vertically orientated specimens (Small flame) BS EN 13772: 2011 – Textile and Textile products – Burning behaviour – Curtains and drapes – Measurement of flame spread of vertically orientated specimens with large ignition sources.
Pre-treatment:	Prior to conditioning a section of the fabric had been subjected to one wash cycle in accordance with ISO 6330: 2000 then line dried according to procedure A for the EN 1101 test. A further section of the fabric had been subjected to 12 commercial wash cycles in accordance with BS EN ISO 10528 then line dried for the EN 13772 test.
Conditioning:	The sample under test had been conditioned in a specified atmosphere at 20 ± 2^{0}C and 65 ± 5% r h for a minimum of 24 hours.

Overall Result:	Before Laundering	**CLASS 1**	After Laundering	**CLASS 1**

Authorised by:

Mark Jones
General Manager

ilac-MRA UKAS TESTING 2513

IFS Laboratories Limited

Test Certificate 117330-1

Test Results: BS EN 1101: 1996 (Warp Direction)					
Test Number	**Flame Application Time**	***Result**	**Test Number**	**Flame Application Time**	***Result**
1	**1s**	No-Ignition	**7**	**15s**	No-Ignition
2	**2s**	No-Ignition	**8**	**20s**	No-Ignition
3	**3s**	No-Ignition	**9**	**20s**	No-Ignition
4	**4s**	No-Ignition	**10**	**20s**	No-Ignition
5	**5s**	No-Ignition	**11**	**20s**	No-Ignition
6	**10s**	No-Ignition	**12**	**20s**	No-Ignition

Test Results: BS EN 1101: 1996 (Weft Direction)					
Test Number	**Flame Application Time**	***Result**	**Test Number**	**Flame Application Time**	***Result**
1	**1s**	No-Ignition	**7**	**15s**	No-Ignition
2	**2s**	No-Ignition	**8**	**20s**	No-Ignition
3	**3s**	No-Ignition	**9**	**20s**	No-Ignition
4	**4s**	No-Ignition	**10**	**20s**	No-Ignition
5	**5s**	No-Ignition	**11**	**20s**	No-Ignition
6	**10s**	No-Ignition	**12**	**20s**	No-Ignition

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 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%. 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

ilac-MRA UKAS TESTING 2513

IFS Laboratories Limited

Test Certificate 117330-1

Test Results: BS EN 13772: 2011 – Before Cleansing							
Application time:	Unit	1	2	3	4	5	6
		10	10	10	10	10	10
Surface Tested:	F/R	A ↑	A ↑	A ↑	A →	A →	A →
*Flaming Duration:	Sec	27.1	22.8	25.6	33.5	26.6	25.4
1st Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
3rd Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
Flaming Debris:	Y/N	NO	NO	NO	NO	NO	NO
*Damage Length:	mm	128	127	131	124	132	128
Classification Result:	**1-3**	1	1	1	1	1	1

Test Results: BS EN 13772: 2011 – After Cleansing							
Application time:	Unit	1	2	3	4	5	6
		10	10	10	10	10	10
Surface Tested:	F/R	A ↑	A ↑	A ↑	A →	A →	A →
*Flaming Duration:	Sec	21.2	23.4	28.2	30.6	27.2	26.8
1st Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
3rd Marker Severed?	Y/N	NS	NS	NS	NS	NS	NS
Flaming Debris:	Y/N	NO	NO	NO	NO	NO	NO
*Damage Length:	mm	128	126	131	135	126	125
Classification Result:	**1-3**	1	1	1	1	1	1

Classification Requirements		
Class	**Ignitibility**	**Flame Spread**
1	Non Ignition according to EN 1101	1st Marker thread not severed, no flaming debris, according to EN 13772
2	Non Ignition according to EN 1101	3rd Marker thread not severed, no flaming debris, according to EN 13772
3	Non Ignition according to EN 1101	3rd Marker thread severed, and/or flaming debris, according to EN 13772
4	Ignition according to EN 1101	3rd Marker threads not severed, and no flaming debris, according to EN 1102
5	Ignition according to EN 1101	3rd Marker threads severed, and/or flaming debris, according to EN 1102

A = Face Side **B =** Reverse Side **NS** = Not Severed **N/A** = Not Applicable

Conclusion:

The sample supplied has achieved a **CLASS 1** in accordance with Clause 10 of BS EN 13773: 2003. Before and after 12 commercial laundry cycles

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 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%. 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

ilac-MRA UKAS TESTING 2513