FLAMMABILITY TEST CERTIFICATE – 84663

COMPANY DETAILS:	SMD CONTRACTS SMD GROUP LTD, UNIT F2, PITTMAN WAY, FULWOOD, PRESTON, PR2 9ZD
CONTACT NAME(S):	EMMA LOCKWOOD
TEL:	01772 651199
EMAIL:	emma_lockwood@smdtextiles.co.uk, erin_hamilton@smd-textiles.co.uk
DATE RECEIVED:	28/09/2020
DATE TESTED:	12/10/2020
DATE ISSUED:	13/10/2020
PO NUMBER:	NOT STATED

SAMPLE DESCRIPTION:	KELSO / HARLOW
COLOUR:	BLUE
QUALITY/BATCH REF:	NOT STATED
COMPOSITION:	100% WOOL WITH FR TREATMENT
MODEL REF:	NOT STATED
SAMPLE END USE:	CONTRACT BEDDING/UPHOLSTERY
MANUFACTURER:	NOT STATED
SUPPLIER/BUYER:	SMD CONTRACTS

REQUIRMENT/CLASSIFICATION:
BS EN 13773: 2003 – Textiles and textile products – Burning behaviour – Curtains and drapes classification scheme

TEST METHODS:
BS EN 1101: 1996 – Burning behaviour of curtains & drapes. Detailed procedure to determine the ignitibility of vertically orientated specimens (Small flame)

BS EN 13772: 2011 – Textiles and textile products – Burning behaviour – Curtains & Drapes – Measurement of flame spread of vertically oriented specimens with large ignition source

PRE-TREATMENT:
Prior to conditioning one set of six specimens had been subjected to 12 standard wash cycles in accordance with BS EN ISO 10528: 1995 Procedure A, then line dried in ambient atmospheric conditions.

CONDITIONING:
The sample was conditioned for at least 24 hrs in a specified atmosphere at 20 ± 2^{0}C and 65 ± 5% r h.

Authorised By:

Zeb Alam	Mark Jones	Karen Brooks
Operations Director	General Manager	Managing Director

UKAS TESTING
No. 2513

IFS Laboratories Limited

FLAMMABILITY TEST CERTIFICATE – 84663

TEST RESULTS: BS EN 1101: 1996 (BEFORE WASH)

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 13772: 2011

Test Criteria	**1**	**2**	**3**	**4**	**5**	**6**
Surface Side Tested A or B	**A**	**A**	**A**	**A**	**A**	**A**
Specimen Direction:	↑	↓	↑	→	←	→
Application Time:	10	10	10	10	10	10
Flaming Duration:	22	21	31	19	16	25
1st Marker thread Severed?	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**
3rd Marker thread Severed?	NS	NS	NS	NS	NS	NS
Flaming Debris	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	190	275	360	295	319	320
Result	**CLASS 2**	**CLASS 2**	**CLASS 2**	**CLASS 2**	**CLASS 2**	**CLASS 2**

A = FACE SIDE

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). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com

UKAS TESTING No. 2513

END OF REPORT

IFS Laboratories Limited

FLAMMABILITY TEST CERTIFICATE – 84663

TEST RESULTS: BS EN 1101: 1996 (AFTER WASH)

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 13772: 2011 AFTER WASH

Test Criteria	**1**	**2**	**3**	**4**	**5**	**6**
Surface Side Tested A or B	**A**	**A**	**A**	**A**	**A**	**A**
Specimen Direction:	↑	↓	↑	→	←	→
Application Time:	10	10	10	10	10	10
Flaming Duration:	1.54	1.36	1.45	2.24	2.01	2.20
1st Marker thread Severed?	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**
3rd Marker thread Severed?	**YES**	**YES**	**YES**	**YES**	**YES**	**YES**
Flaming Debris	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	560	560	560	560	560	560
Result	**CLASS 3**	**CLASS 3**	**CLASS 3**	**CLASS 3**	**CLASS 3**	**CLASS 3**

A = FACE SIDE

CLASSIFICATION

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

CONCLUSION:
Before wash:
The sample supplied has achieved a **CLASS 2** in accordance with BS EN 13773: 2003
After wash:
The sample supplied has achieved a **CLASS 3** in accordance with BS EN 13773: 2003

UKAS TESTING No. 2513

END OF REPORT