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## FLAMMABILITY TEST CERTIFICATE – 86883

**COMPANY DETAILS:** SMD CONTRACTS  
SMD GROUP LTD, UNIT F2, PITTMAN WAY, FULWOOD, PRESTON, PR2 9ZD

**CONTACT NAME(S):**  
**TEL:** 01772 651199  
**EMAIL:**

**DATE RECEIVED:** 12/01/2021  
**DATE TESTED:** 19/01/2021  
**DATE ISSUED:** 19/01/2021  
**PO NUMBER:** NOT STATED

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**SAMPLE DESCRIPTION:** XENIA  
**COLOUR:** GREEN  
**QUALITY/BATCH REF:** NOT STATED  
**COMPOSITION:** 100% POLYESTER  
**MODEL REF:** NOT STATED  
**SAMPLE END USE:** CONTRACT DRAPERY  
**MANUFACTURER:** NOT STATED  
**SUPPLIER/BUYER:** SMD CONTRACTS

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### REQUIREMENT/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  $20 \pm 2^{\circ}\text{C}$  and  $65 \pm 5\% \text{ r h}$ .

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Authorised By:



Zeb Alam  
Operations Director

Mark Jones  
General Manager

Karen Brooks  
Managing Director

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). 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



## FLAMMABILITY TEST CERTIFICATE – 86883

### 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	7	8
Surface Side Tested A or B	A	B	A	A	A	B	A	A
Specimen Direction:	↑	↓	↑	↓	→	←	→	←
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1 <sup>st</sup> Marker thread Severed?	NS	NS	NS	NS	NS	NS	NS	NS
3 <sup>rd</sup> Marker thread Severed?	NS	NS	NS	NS	NS	NS	NS	NS
Flaming Debris	NO	NO	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	125	130	130	125	130	130	125	130
<b>Result</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>

A = FACE SIDE

B = REVERSE SIDE

NS = NOT SEVERED

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). 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

END OF REPORT

## FLAMMABILITY TEST CERTIFICATE – 86883

### 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	7	8
Surface Side Tested A or B	A	A	A	A	A	A	A	A
Specimen Direction:	↑	↓	↑	↓	→	←	→	←
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1 <sup>st</sup> Marker thread Severed?	NS	NS	NS	NS	NS	NS	NS	NS
3 <sup>rd</sup> Marker thread Severed?	NS	NS	NS	NS	NS	NS	NS	NS
Flaming Debris	NO	NO	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	130	125	122	125	115	123	117	130
<b>Result</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>	<b>CLASS 1</b>

A = FACE SIDE

NS = NOT SEVERED

### CLASSIFICATION

CLASS	IGNITIBILITY	FLAME SPREAD
1	Non Ignition according to EN 1101	1 <sup>st</sup> Marker thread not severed, no flaming debris, according to EN 13772
2	Non Ignition according to EN 1101	3 <sup>rd</sup> Marker thread not severed, no flaming debris, according to EN 13772
3	Non Ignition according to EN 1101	3 <sup>rd</sup> Marker thread severed, and/or flaming debris, according to EN 13772
4	Ignition according to EN 1101	3 <sup>rd</sup> Marker threads not severed, and no flaming debris, according to EN 1102
5	Ignition according to EN 1101	3 <sup>rd</sup> Marker threads severed, and/or flaming debris, according to EN 1102

### CONCLUSION:

The sample supplied has achieved a **CLASS 1** in accordance with BS EN 13773: 2003, before & after 12 wash 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  $U_k=2$  (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

