

FLAMMABILITY TEST CERTIFICATE - 84662

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

CONTACT NAME(S): EMMA LOCKWOOD
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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
MODEL REF: NOT STATED
COMPOSITION: 100 WOOL WITH FR TREATMENT
SAMPLE END USE: CONTRACT BEDDING/UPHOLSTERY
MANUFACTURER: MAL
SUPPLIER/BUYER: SMD CONTRACTS

SPECIFICATION/REQUIREMENT:

BS 5815 Part 3: 1991 – Specification for counterpanes and continental quilts secondary covers including flammability performance suitable for use in the public sector.

TEST METHOD(S):

BS 5438: 1989 Clause 10 – Methods of test for flammability of textile fabrics when subjected to a small igniting flame applied to the face or bottom edge of vertically orientated fabrics.

PRE-TREATMENT:

Prior to conditioning one set of six specimens had been subjected to one wash cycle in accordance with BS 5651: 1990 Clause 6.5.3, then line dried in ambient atmospheric conditions.

CONDITIONING:

The sample was conditioned 24rs prior testing in an atmosphere having a temperature between 15°C - 30°C and a relative humidity between 20% - 65%.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality 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



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TEST RESULTS:

“The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.”

RESULTS: BEFORE WASH

SURFACE TEST CRITERIA	FABRIC	FABRIC	FABRIC	FABRIC	FABRIC	FABRIC
Specimen Direction:	↑	↓	↑	←	→	←
Application Time:	10	10	10	10	10	10
Hole formed: (Y/N)	YES	YES	YES	YES	YES	YES
Hole reached the edge: (Y/N)	NO	NO	NO	NO	NO	NO
Flame reached the edge: (Y/N)	NO	NO	NO	NO	NO	NO
Flaming duration:	0.0	0.0	0.0	0.0	0.00	0.0
Afterglow duration:	0.0	0.0	0.0	0.0	0.0	0.0
Flaming Debris: (Y/N)	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	53	54	57	46	53	55
MEAN AFTER FLAME TIME <4s				0.0		
MEAN AFTERGLOW TIME <4s				0.0		
TEST RESULTS	PASS	PASS	PASS	PASS	PASS	PASS

RESULTS: AFTER WASH

SURFACE TEST CRITERIA	FABRIC	FABRIC	FABRIC	FABRIC	FABRIC	FABRIC
Specimen Direction:	↑	↓	↑	←	→	←
Application Time:	10	10	10	10	10	10
Hole formed: (Y/N)	YES	YES	YES	YES	YES	YES
Hole reached the edge: (Y/N)	NO	NO	NO	NO	NO	NO
Flame reached the edge: (Y/N)	NO	NO	NO	NO	NO	NO
Flaming duration:	0.0	0.0	0.0	0.0	0.0	0.0
Afterglow duration:	0.0	0.0	0.0	0.0	0.0	0.0
Flaming Debris: (Y/N)	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	62	58	57	58	66	62
MEAN AFTER FLAME TIME <4s				0.0		
MEAN AFTERGLOW TIME <4s				0.0		
TEST RESULTS	PASS	PASS	PASS	PASS	PASS	PASS

CONCLUSION:

The sample supplied **meets** the performance requirements of BS 5815 Part 3: 1991, when tested in accordance with BS 5438: 1989 Clause 10 – before and after one wash cycle.

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