

## FLAMMABILITY TEST CERTIFICATE - 64045

COMPANY DETAILS:	CAMIRA FABRICS LTD MELTHAM MILLS, MELTHAM WEST YORSHIRE, HD9 4AY
CONTACT NAME(S):	KATY LONGSTAFF
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DATE RECEIVED:	27/11/2017
DATE TESTED:	01/12/2017
DATE ISSUED:	01/12/2017
PO NUMBER:	62316 (CALL6380)

SAMPLE DESCRIPTION:	CARLOW
COLOUR:	GREY
QUALITY/BATCH REF:	D7770
MODEL REF:	NOT STATED
COMPOSITION:	NOT STATED
SAMPLE END USE:	NOT STATED
MANUFACTURER:	NOT STATED
SUPPLIER/BUYER:	NOT STATED

#### SPECIFICATION/REQUIRMENT:

BS 7176:2007+A1:2011 – Specification for the resistance to ignition of upholstered furniture for non-domestic seating by testing composites. (Low Hazard)

## **TEST METHOD:**

BS EN 1021-1:2006 – Furniture – Assessment of the ignitibility of mattresses and upholstered bed bases. Part 1: Ignition source smouldering cigarette.

BS EN 1021-2:2006 – Furniture – Assessment of the ignitibility of mattresses and upholstered bed bases. Part 2: Ignition source match flame equivalent.

#### PRE-TREATMENT:

The sample was tested as received.

#### CONDITIONING:

The sample was conditioned for 72 hrs in ambient conditions for at least 24 hrs in a specified atmosphere at  $23 \pm 2^{\circ}$ C and  $50 \pm 5\%$  r h.

Authorised By:

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

Please note: this test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. 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 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."

FILLING MATERIAL USED:       CMHR 35       CMHR 35         CROGRESSIVE SMOULDERING CRITERIA (3.1)       22.46         PROGRESSIVE SMOULDERING CRITERIA (3.1)       N       N         immoulders to extremities (3.1b)       N       N         immoulders to extremities (3.1c)       N       N         immoulders for more than 1 hr (3.1d)       N       N         Presence of active smouldering on final examination? (3.1e)       N       N         Evidence of melting, charring, dripping?       Melting: Charring: Dripping: Dripping: Dripping: Charring: State Sta				
Cigarette ceased smouldering within (Min(s)23.0822.46PROGRESSIVE SMOULDERING CRITERIA (3.1)NNJnsafe escalating combustion (3.1a)NNsmoulders to extremities (3.1b)NNsmoulders through thickness (3.1c)NNsmoulders through thickness (3.1c)NNsmoulders for more than 1 hr (3.1d)NNPresence of active smouldering on final examination? (3.1e)NNEvidence of melting, charring, dripping?Melting: \begin{bmatrix}{llllllllllllllllllllllllllllllllllll	TEST CRITERIA – 1021-1 (CIGARETTE TEST)	INITIAL TE	ST	REPEAT TEST
PROGRESSIVE SMOULDERING CRITERIA (3.1)       N       N         Jnsafe escalating combustion (3.1a)       N       N         imoulders to extremities (3.1b)       N       N         imoulders through thickness (3.1c)       N       N         imoulders for more than 1 hr (3.1d)       N       N         Presence of active smouldering on final examination? (3.1e)       N       N         Presence of melting, charring, dripping?       Melting: C       Charring: D       Dripping: □         Cover Split?       N       N       N         PASS       PASS       PASS       CMHR35         CILING MATERIAL USED:       CMHR 35       CMHR35       CMHR35         Cigarette ceased smouldering within (Min(s)       0.0       0.0       0.0         PROSRESSIVE SMOULDERING CRITERIA (3.1)       N       N       N         Insafe escalating combustion (3.1a)       N       N       N         imoulders to more than 1 hr (3.1d)       N       N       N <td< td=""><td>FILLING MATERIAL USED:</td><td>CMHR 3</td><td>5</td><td>CMHR 35</td></td<>	FILLING MATERIAL USED:	CMHR 3	5	CMHR 35
Jusafe escalating combustion (3.1a)NNsmoulders to extremities (3.1b)NNsmoulders to extremities (3.1c)NNsmoulders for more than 1 hr (3.1d)NNPresence of active smouldering on final examination? (3.1e)NNEvidence of melting, charring, dripping?Melting: CCharring: CEVIDENCE of fillersNNEvidence of flames?NNEvidence of flames?NNPASSPASSPASSEVIDENCE Cased smouldering within (Min(s)0.00.0Cocurrece of flames?CMHR 35CMHR 35CHRR 35CMHR 35CMHR 35CRIESIVE SMOULDERING CRITERIA (3.1)NNJusafe escalating combustion (3.1a)NNSmoulders for more than 1 hr (3.1d)NNSmoulders for more than 1 hr (3.1d)NNEvidence of melting, charring, dripping?Melting: CCharring: Dripping: CEvidence of melting, charring, dripping?Melting: CCharring: Dripping: CJusafe escalating combustion (3.1a)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: CCharring: Dripping: CEvidence of melting, charring, dripping?Melting: CNNEvidence of melting, charring, dripping?Melting: CCharring: Dripping: CEvidence of melting, charring, dripping?Melting: NNNEvidence of melting, charring, dripping? <td>Cigarette ceased smouldering within (Min(s)</td> <td>23.08</td> <td colspan="2">23.08</td>	Cigarette ceased smouldering within (Min(s)	23.08	23.08	
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Persence of active smouldering on final examination? (3.1e)       N       N         Evidence of melting, charring, dripping?       Melting:       Charring:       Dripping:       I         Evidence of melting, charring, dripping?       N       N       N         Evidence of flames?       N       N       N         Cover Split?       N       N       N         Doccurrence of flames?       N       N       N         FEST RESULT       PASS       PASS       PASS         FEST CRITERIA – 1021-2 (MATCH TEST)       1 <sup>st</sup> Test       2 <sup>nd</sup> Test       3 <sup>rd</sup> Test         FILLING MATERIAL USED:       CMHR 35       CMHR 35       CMHR35         Cigarette ceased smouldering within (Min(s)       0.0       0.0       0.0         PROSERSSIVE SMOULDERING CRITERIA (3.1)       N       N       N         Insafe escalating combustion (3.1a)       N       N       N         Smoulders to extremities (3.1b)       N       N       N         Smoulders for more than 1 hr (3.1d)       N       N       N         Swoulders of melting, charring, dripping?       Melting: C       Charring: C       Dripping: C         FAMING CRITERIA (3.2)       N       N       N         Swoulders for more than	Smoulders through thickness (3.1c)	Ν		Ν
Evidence of melting, charring, dripping?Melting: Melting	Smoulders for more than 1 hr (3.1d)	Ν		N
LAMING CRITERIA (3.2)Cover Split?NNDoccurrence of flames?NNPEST RESULTPASSPASSTEST RESULT1st Test2nd Test3rd TestTILLING MATERIAL USED:CMHR 35CMHR 35CMHR 35Cigarette ceased smouldering within (Min(s)0.00.00.0PORGRESSIVE SMOULDERING CRITERIA (3.1)NNNDisafe escalating combustion (3.1a)NNNSmoulders to extremities (3.1b)NNNSmoulders through thickness (3.1c)NNNStrider of meting, charring, dripping?Melting: Charring: Dripping: Dri	Presence of active smouldering on final examination? (3.1e)	Ν		Ν
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N       N         PASS       PASS         PEST RESULT       PASS         PEST RESULT       1st Test       2 <sup>nd</sup> Test       3 <sup>rd</sup> Test         FILLING MATERIAL USED:       CMHR 35       CMHR 35       CMHR35         Cigarette ceased smouldering within (Min(s)       0.0       0.0       0.0         PROGRESSIVE SMOULDERING CRITERIA (3.1)       V       N       N         Unsafe escalating combustion (3.1a)       N       N       N         Smoulders to extremities (3.1b)       N       N       N         Smoulders to retremities (3.1c)       N       N       N         Smoulders for more than 1 hr (3.1d)       N       N       N         Swidence of melting, charring, dripping?       Melting: Charring: Dripping:	FLAMING CRITERIA (3.2)			
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<b>TEST CRITERIA – 1021-2 (MATCH TEST)1</b> st <b>Test2</b> nd <b>Test3</b> rd <b>Test</b> FILLING MATERIAL USED:CMHR 35CMHR 35CMHR35Cigarette ceased smouldering within (Min(s)0.00.00.0 <b>PROGRESSIVE SMOULDERING CRITERIA (3.1)</b> NNNJnsafe escalating combustion (3.1a)NNNSmoulders to extremities (3.1b)NNNSmoulders trough thickness (3.1c)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: Charring: Dripping: DDripping: DFLAMING CRITERIA (3.2)NNNUnsafe escalating combustion (3.2a)NNNFest assembly consumed (3.2b)NNNFlaming to extremities and thickness (3.2c) (3.2d)NNNFlaming continued for more than 120 secondsNNNCover split?NNNN	Occurrence of flames?	Ν	Ν	
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PROGRESSIVE SMOULDERING CRITERIA (3.1)Unsafe escalating combustion (3.1a)NNNSmoulders to extremities (3.1b)NNNSmoulders through thickness (3.1c)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: SCharring: Dripping: DEtAMING CRITERIA (3.2)NNNUnsafe escalating combustion (3.2a)NNNFest assembly consumed (3.2b)NNNFlaming to extremities and thickness (3.2c) (3.2d)NNNFlaming continued for more than 120 secondsNNNCover split?NNNN	FILLING MATERIAL USED:	CMHR 35	CMHR 35	CMHR35
Unsafe escalating combustion (3.1a)NNNSmoulders to extremities (3.1b)NNNSmoulders through thickness (3.1c)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: SCharring: SDripping: SEtAMING CRITERIA (3.2)JNNNUnsafe escalating combustion (3.2a)NNNNFest assembly consumed (3.2b)NNNNFlaming to extremities and thickness (3.2c) (3.2d)NNNNFlaming continued for more than 120 secondsNNNNCover split?NNNNN	Cigarette ceased smouldering within (Min(s)	0.0	0.0	0.0
Smoulders to extremities (3.1b)NNNSmoulders through thickness (3.1c)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: SCharring: SDripping: SEtAMING CRITERIA (3.2)SSNNUnsafe escalating combustion (3.2a)NNNEst assembly consumed (3.2b)NNNElaming to extremities and thickness (3.2c) (3.2d)NNNCover split?NNN	PROGRESSIVE SMOULDERING CRITERIA (3.1)			
Smoulders through thickness (3.1c)NNNSmoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: Charring: Dripping: EtAMING CRITERIA (3.2)	Unsafe escalating combustion (3.1a)	Ν	N	N
Smoulders for more than 1 hr (3.1d)NNNEvidence of melting, charring, dripping?Melting: Melting: Charring: Charring: Dripping:	Smoulders to extremities (3.1b)	Ν	N	N
Evidence of melting, charring, dripping?Melting: Charring: Dripping: ELAMING CRITERIA (3.2) </td <td>Smoulders through thickness (3.1c)</td> <td>Ν</td> <td>N</td> <td>N</td>	Smoulders through thickness (3.1c)	Ν	N	N
FLAMING CRITERIA (3.2)Jnsafe escalating combustion (3.2a)NNInsafe escalating combustion (3.2b)NNFlaming to extremities and thickness (3.2c) (3.2d)NNFlaming continued for more than 120 secondsNNCover split?NN	Smoulders for more than 1 hr (3.1d)		N	Ν
Unsafe escalating combustion (3.2a)NNNFest assembly consumed (3.2b)NNNFlaming to extremities and thickness (3.2c) (3.2d)NNNFlaming continued for more than 120 secondsNNNCover split?NNN	Evidence of melting, charring, dripping?	Melting: 🔀	Charring: 🔀	Dripping: 🗌
Test assembly consumed (3.2b)NNNFlaming to extremities and thickness (3.2c) (3.2d)NNNFlaming continued for more than 120 secondsNNNCover split?NNN	FLAMING CRITERIA (3.2)			
Flaming to extremities and thickness (3.2c) (3.2d)NNNFlaming continued for more than 120 secondsNNNCover split?NNN	Unsafe escalating combustion (3.2a)	Ν	N	N
Flaming continued for more than 120 seconds N N N N Cover split? N N N	Test assembly consumed (3.2b)	Ν	Ν	Ν
Cover split? N N N	Flaming to extremities and thickness (3.2c) (3.2d)	Ν	Ν	Ν
·	Flaming continued for more than 120 seconds	Ν	Ν	Ν
TEST RESULT PASS PASS PASS	Cover split?	Ν	Ν	Ν
	TEST RESULT	PASS	PASS	PASS

### CONCLUSION:

The sample supplied meets the test criteria of BS 7176:2007 + A1:2011 (Low Hazard)

END OF REPORT

Please note: the test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. 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

