

**FRONTIER
MEDICAL SCREENS
MEDIUM HAZARD
CERTIFICATE**



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FLAMMABILITY TEST CERTIFICATE – 70505 Amended

COMPANY DETAILS: CAMIRA FABRICS LTD
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DATE RECEIVED: 05/10/2018
DATE TESTED: 16/10/2018
DATE ISSUED: 03/12/2018
PO NUMBER: 938

SAMPLE DESCRIPTION: VITA (C)
COLOUR: AMERICANO
QUALITY/BATCH REF: VITA (C)
MODEL REF: CALL 8348
COMPOSITION: NOT STATED
SAMPLE END USE: SEATING
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. (Medium Hazard)

TEST METHOD(S):

BS EN 1021-1:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Ignition source smouldering cigarette.

BS EN 1021-2:2006 – Furniture – Assessment of the ignitibility of upholstered furniture. Ignition source match flame equivalent.

BS 5852:2006 – Methods of test for the assessment of the ignitibility of upholstered seating by smouldering and flaming ignition sources.

PRE-TREATMENT:

Water Soak procedure in accordance with Annex D of BS EN 1021-1:2006 & Annex E of BS 5852:2006

CONDITIONING:

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

Authorised By:



Zeb Alam
Operations Director

Mark Jones
Quality Manager

Karen Brooks
Managing Director

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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.”

| TEST CRITERIA – 1021-1 (CIGARETTE TEST) | INITIAL TEST | REPEAT TEST |
|---|--|--|
| FILLING MATERIAL USED: | CMHR 35 | CMHR 35 |
| Smouldering ceased | FAILED TO SMOULDER | FAILED TO SMOULDER |
| PROGRESSIVE SMOULDERING CRITERIA (3.1) | | |
| Unsafe escalating combustion (3.1a) | N | N |
| Smoulders to extremities (3.1b) | N | N |
| Smoulders through thickness (3.1c) | N | N |
| Smoulders 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: <input checked="" type="checkbox"/> | Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/> |
| FLAMING CRITERIA (3.2) | | |
| Cover Split? | N | N |
| Occurrence of flames? | N | N |
| TEST RESULT | PASS | PASS |

| TEST CRITERIA – 1021-2 (MATCH TEST) | 1 st Test | 2 nd Test | 3 rd Test |
|--|--|--|----------------------|
| FILLING MATERIAL USED: | CMHR 35 | CMHR 35 | CMHR 35 |
| Flaming ceased | 0.0 | 0.0 | 0.0 |
| PROGRESSIVE SMOULDERING CRITERIA (3.1) | | | |
| Unsafe escalating combustion (3.1a) | N | N | N |
| Smoulders to extremities (3.1b) | N | N | N |
| Smoulders through thickness (3.1c) | N | N | N |
| Smoulders for more than 1 hr (3.1d) | N | N | N |
| Evidence of melting, charring, dripping? | Melting: <input checked="" type="checkbox"/> | Charring: <input checked="" type="checkbox"/> Dripping: <input type="checkbox"/> | |
| FLAMING CRITERIA (3.2) | | | |
| Unsafe escalating combustion (3.2a) | N | N | N |
| Test assembly consumed (3.2b) | N | N | N |
| Flaming to extremities and thickness (3.2c) (3.2d) | N | N | N |
| Flaming continued for more than 120 seconds | N | N | N |
| Cover split? | N | N | N |
| TEST RESULT | PASS | PASS | PASS |

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



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TEST RESULTS continued:

| TEST CRITERIA – BS 5852:2006 Source 5 | INITIAL TEST | REPEAT TEST |
|---|--------------|-------------|
| Flaming Ceased: | 04.02 | 04.26 |
| PROGRESSIVE SMOULDERING CRITERIA (4.1) | | |
| FILLING MATERIAL USED: | CMHR 35 | CMHR 35 |
| b) Detectable amounts of smoke, heat or glowing 60 mins after crib ignition? | N | N |
| c) Displays unsafe escalating combustion, requires to be forcibly extinguished? | N | N |
| d) Smouldering consumed the test specimen within the duration of the test? | N | N |
| e) Smoulder to the extremities i.e. upper or lower margins, either side or to its full thickness? | N | N |
| f) On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position? | N | N |
| FLAMING CRITERIA (4.2) | | |
| b) Flaming continued for more than 10 minutes after the ignition of the crib? | N | N |
| c) Displays unsafe escalating combustion, requires to be forcibly extinguished? | N | N |
| d) Flaming and/or smouldering consumed the test specimen within the duration of the test? | N | N |
| e) Flame front reaches the lower margin, either side or passes through the full thickness? | N | N |
| TEST RESULTS | PASS | PASS |

CONCLUSION:

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

END OF REPORT