

TEST CERTIFICATE

DATE SUBMITTED: 05-MARCH-2008
DATE ISSUED: 16-MARCH-2008
REPORT NO: 11351-2
COMPANY JOB NUMBER: DB/mw/FTL-KVH.21033



Testing Services
and Support



No. 2513

CUSTOMER CONTACT NAMES: M. J. WOLFINDEN
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COMPANY: FLAMENTEK LIMITED
FIRE PREVENTION CONSULTANTS
FOX FARMHOUSE
SHADINGFIELD
BECCLES
SUFFOLK
NR34 8DD

CUSTOMER SAMPLE DESCRIPTION

FIBRE COMPOSITION DESCRIPTION: 92% New Wool, 8% Nylon
SAMPLE QUALITY/COLOUR: Clara Col. Brown
SAMPLE DESCRIPTION: Fabric treated with a DURAFLAM
Flame Retardant formulation by Fabric Flare Ltd
END USE: Contract upholstery seating
CUSTOMER REFERENCE: KV0153.07 (21033) ex. Kvadrat Holding

FIRE TEST REQUESTED:

(Confidential Report)

BS 5852: 2006 Methods of test for (Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources) in accordance with Section 4 using ignition source 5 Crib test

LAUNDERING PROCEDURE:

The sample was subjected to the water soaking procedure @ 40±1°C as stated in BS 5852 2006 Annex E.

CONDITIONING PRIOR TO TESTING:

The sample was conditioned before the test for @ least 72 h in indoor ambient conditions and then immediately before the test for @ least 24 h at 23 +/- 2 °C and 50 +/- 5 % r h

Authorised signatures:

Signed: 

Zeb Alam
Technical Manager

Highest Quality
Fastest Service

IFS LABORATORIES LTD

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UPHOLSTERY FILLING SOURCE 5:

GRADE: CMHR35
 APPROX DENSITY: 35 kg per m³
 APPROX HARDNESS RANGE: 130 N

SIZE OF TEST RIG:

BACK JUNCTION: 450+/-2 mm x 450+/-2 mm
 SEAT JUNCTION: 450+/-2 mm x 300+/-2 mm

TESTING ENCLOSURE AND ATMOSPHERE:

The sample was tested in an atmosphere with a temperature of 10⁰ C to 30⁰ C and a relative humidity of 15% to 80%. The sample was tested in an enclosure with a volume greater than 20m³

PROCEDURE:

The sample was mounted over the foam as described above, using the test rig as specified in BS 5852: 2006 Figure 4 & 5

REQUIREMENTS:

Ignition Source: Crib 5
 Progressive Smouldering (maximum duration): 60 minutes after ignition of crib
 Flaming (maximum Duration): 10 minutes after ignition of crib

DATE OF TEST: 15-March-2008

Fire test carried out by: Zeb Alam

RESULTS:

The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852:2006 Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

Observation of test:

| Test No. | Ignition Source 5 | Duration of | Special Features of Burning | | Extent of damage to component | | | | | |
|----------|-------------------|-------------|-----------------------------|-----|-------------------------------|------------------|----------|-----------------|--------|-------|
| | | | | | Vertical (mm) | | | Horizontal (mm) | | |
| | | | | | Position | Flames (minutes) | Charring | Melting | Length | Width |
| 1 | LHS | 03.45 | Yes | Yes | TOC | 81 | 27 | 67 | 122 | 24 |
| 2 | RHS | 03.39 | Yes | Yes | TOC | 83 | 24 | 64 | 113 | 26 |

LHS=Left Hand Side M= Middle RHS= Right Hand Side TOC= Top of Composite

COMMENTS & OBSERVATIONS:

The sample tested **complies with the flammability requirements** of BS 5852: 2006 (Clause 11 Upholstery Composite) Methods of test for (Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources) in accordance with Section 4 using ignition source 5 wooden crib test

Source 5 (crib): **PASS (P5)**

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