

# TEST CERTIFICATE

DATE SUBMITTED: 06-JUNE-2014  
DATE ISSUED: 17-JUNE-2014  
REPORT NO: 27001  
COMPANY PO NUMBER: DB/mw.a/FTL-IFS.KAS.21376

CUSTOMER CONTACT NAMES: DONNA BARBER  
TEL: 01502 575533  
FAX: 01502 575533

COMPANY: FLAMENTEK LIMITED  
RANNOCH HOUSE  
HALL DRIVE  
OULTON BROAD  
LOWESTOFT  
SUFFOLK  
NR32 3PU

### CUSTOMER SAMPLE DESCRIPTION

FIBRE COMPOSITION: 34% Polyester, 31% New Wool, 26% Acrylic, 4% Cotton, 3% Polyamide, 2% Linen  
SAMPLE NAME/REF: Savanna  
SAMPLE COLOUR: Not Stated  
SAMPLE DESCRIPTION/QUALITY: Woven fabric, treated with a **Duraflam®** Flame Retardant formulation by Fabric Flare Solutions Limited  
END USE: Upholstery  
FABRIC CUSTOMER: Not Stated  
JOB REFERENCE: KV0300.14 - 21376 - Kvadrat A/S

FIRE TEST REQUESTED:  
(Confidential Report)  
BS 5852: 1979 Part 1 ignition sources 0 & 1 in accordance with the modifications stated in Schedules 4 & 5 of the Statutory Instruments 1988 No. 1324 Consumer Protection The Furniture & Furnishings (Fire) (Safety) Regulations 1988 & Amendment No. 2358 1989

LAUNDERING PROCEDURE:  
The sample was subjected to the water soaking procedure set out in clauses 4.2 to 4.5 of BS 5651 1978

CONDITIONING PRIOR TO TESTING:  
The sample was conditioned immediately before the test for @ least 72 h in indoor ambient conditions and then for @ least 16 h at 20 +/- 5 °C and 50 +/- 20 % r h

Authorised signatures:

Signed:  v

Zeb Alam  
Technical Manager

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.

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**UPHOLSTERY FILLING SOURCE 0&1:**

GRADE: Non Fire - Retardant Foam  
 APPROX DENSITY: 20 – 22 kg per m<sup>3</sup>  
 APPROX HARDNESS RANGE: 130 N  
 SIZE OF TEST RIG:  
 BACK JUNCTION: 450+/-2 mm x 300+/-2 mm  
 SEAT JUNCTION: 450+/-2 mm x 150+/-2 mm

**PROCEDURE:**

The sample was mounted over foam as described above using the test rig as specified in BS 5852: 1979 Part 1, Clause 6 Apparatus

**TESTING ENCLOSURE AND ATMOSPHERE:**

The sample was tested in an atmosphere with a temperature of 15<sup>0</sup>C to 30<sup>0</sup>C and a relative humidity of 20% to 70%. The sample was tested in a enclosure with a volume greater than 20m<sup>3</sup>

**REQUIREMENTS:**

Ignition Source: 0 (Cigarette)  
 Progressive Smouldering (detected within duration): 60 minutes after ignition of cigarette  
 Flaming (detected within duration): 60 minutes after ignition of cigarette  
 Ignition Source: 1 (Match)  
 Flaming (maximum duration): 2 minutes after ignition of burner  
 Progressive Smouldering: *In compliance with The DTI guide to the FFFSR page 20*

DATE OF TEST: 17-June-2014

Fire test carried out by: Zeb Alam

**RESULTS:** The following test results relate only to the ignitability of the combination of 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.

Observation of test:

Ignition Sources		Position	Duration of		Special Features of Burning		Extent of damage to component			
							Vertical (mm)		Horizontal (mm)	
			Flames (minutes)	Smouldering (minutes)	Charring	Melting	Length	Width	Length	Width
Test 1	Source 0	LHS	00.00	Failed to smoulder	Yes	Yes	N/A	N/A	N/A	N/A
Test 2	Source 0	RHS	00.00	Failed to smoulder	Yes	Yes	N/A	N/A	N/A	N/A
Test 1	Source 1	LHS	00.00	00.00	Yes	Yes	43	15	19	12
Test 2	Source 1	RHS	00.00	00.00	Yes	Yes	39	14	17	12

LHS=Left Hand Side M= Middle RHS= Right Hand Side

**COMMENTS & OBSERVATIONS:**

The sample tested **complies** with the flammability requirements of BS 5852: 1979 Part 1 ignition source 0 (cigarette) & source 1 (match) in accordance with the modifications stated in Schedules 4 & 5 of the Statutory Instruments 1988 No. 1324 Consumer Protection The Furniture & Furnishings (Fire) (Safety) Regulations 1988 & Amendment No. 2358 1989

Schedule 4 (cigarette) Test: **PASS (P0)**

Schedule 5 (match) Test: **PASS (P1)**

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