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# TFT

(Ilkley) Ltd.

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Reg. No. 3168606, VAT No. 659 9604 77



## TEST CERTIFICATE

No. 7115/2

Testing to BS 5438 : 1989, Flammability of Textile Fabrics when Subjected to a Small Igniting Flame applied to the Face or Bottom Edge of Vertically Orientated Specimens.

### SAMPLE INFORMATION

Client **Kayospruce Ltd., 2A Crompton Way, Segensworth West, FAREHAM, Hants, PO15 5SS**

Fabric Reference **20<sup>m</sup> (0.5mm) Window**

Dimensions **100cm by full width (138cm)**

Date Received **2.7.97**

Pre-treatment **None - the material was stated to be inherently flame retardant**

Conditioning **BS 5438 : 1989, Clause 3.**

### TESTING

Following the pre-treatment described above, the material was conditioned and tested according to Test 2A and Test 2B of BS 5438 : 1989, Flammability of Textile fabrics when subjected to a small igniting flame applied to the face or bottom edge of vertically orientated specimens, using a 10 second flame application time. The results were assessed according to the general requirements as specified in Appendix C.3 of the Standard. Testing was carried out on the face side of the fabric.

#### Test 2A - Face Ignition

Specimen No.	WARP			WEFT			MEAN
	1	2	3	1	2	3	
Duration of flaming (sec)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Duration of afterglow (sec)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Flaming debris separated	No	No	No	No	No	No	
Flame reached edge	No	No	No	No	No	No	
Hole reached an edge	No	No	No	No	No	No	
Glow reached an edge	No	No	No	No	No	No	
Max extent of hole (mm)	None	None	None	None	None	None	
Max damaged length (mm)	3	10	5	3	2	3	4

#### Test 2B - Bottom Edge Ignition

Specimen No.	WARP			WEFT			MEAN
	1	2	3	1	2	3	
Duration of flaming (sec)	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Duration of afterglow (sec)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Flaming debris separated	No	No	No	No	No	No	
Flame reached edge	No	No	No	No	No	No	
Hole reached an edge	No	No	No	No	No	No	
Glow reached an edge	No	No	No	No	No	No	
Max damaged length (mm)	5	3	3	40	2	15	12

These results were obtained using the specified test conditions and do not necessarily represent the behaviour of the test material under conditions of test or use.

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#### CONCLUSION

The sample received meets the requirements of Clause 13.18 for Fabrics for Tented Structures of the Guide to Fire Precautions in Existing Places of Entertainment and Like Premises (Home Office, 1994).

A handwritten signature in black ink, appearing to read 'RJA', written over a dotted line.

Dr R J Aron FTI, MIQA  
Technical Director