



# TEXTILE LABORATORY SERVICES LIMITED

P.O. Box 50, Pegholme Mill, Wharfebank Business Centre, Ilkley Road, OTLEY, LS21 3XD

Tel: 01943 850967 Fax: 01943 850965

Regd. Office: 3 Victoria Road, Guiseley, England - No.1966147



## TEST CERTIFICATE

No. 5755/2

Testing to BS 7837 : 1996 Flammability performance for textiles used in the construction of marquees and similar structures using  
BS 5438 : 1989 Flammability of Textile Fabrics when Subjected to a Small Igniting Flame Applied to the Face or Bottom Edge of Vertically Oriented Specimens  
Test 2B Limited Flame Spread : Bottom Edge Ignition

### SAMPLE INFORMATION

Client Dickson Saint-Clair, 8 Avenue de Savoie, F-38110 Saint Clair De La Tour, France  
Reference Edsalac 650SL  
Dimensions (approx) 200cm by full width (100cm)  
Sample Received 26.1.99  
Pre-treatment Water soak according to BS 5651 : 1991, Clause 3

### TESTING

Three specimens from both length and width were conditioned and tested in accordance with BS 5438 : 1989 Flammability of Textile Fabrics when Subjected to a Small Igniting Flame Applied to the Face or Bottom Edge of Vertically Oriented Specimens - Test 2B Limited Flame Spread : Bottom Edge Ignition as modified by BS 7837 : 1996 using butane gas with a 10 second flame application time applied to the raw bottom edge of the fabric. The results obtained are shown below:

Specimen Number	Length			Width		
	1	2	3	1	2	3
Duration of flaming (s)	0	0	0	0	0	0
Duration of afterglow (s)	2	0	1	0	2	1
Flaming debris separated	No	No	No	No	No	No
Flame reached an 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
Filter paper flames/smoulders	No	No	No	No	No	No
Damaged length (mm)	45	45	45	40	45	50

### REQUIREMENTS

For at least 5 of the 6 specimens:

- flame duration is not greater than 5 seconds
- the lowest boundary of any flame does not reach the upper edge or any vertical edge
- the filter paper does not smoulder or flame



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## CONCLUSION

The fabric tested meets the requirements of BS 7837 : 1996 Flammability performance for textiles used in the construction of marquees and similar textile structures.

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J.M. Brown C Chem MRIC C Text FTI  
Managing Director & Authorised Signatory

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Checked By