



FIRE CERTIFICATION

No.1002600

Ref	Lite alt
Date:	26 October 2009
Details:	Premier Black Wool Serge
Drape ID:	414 a/b

This is to certify that the materials supplied by Hangman Ltd. have been tested for flame retardancy in accordance with European performance requirements.

Results from tests to this fabric show a satisfactory PASS to:

- German Standard DIN 4101 B1
- British Standard BS5867-1:2004
- French Class M1

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Sam Booker
Director

DM - TWO OFF 30ft x 30ft

TEXTILE LABORATORY SERVICES LIMITED

P.O. Box 50, Wharfebank Business Centre, Ilkley Road, OTLEY, LS21 3XD, United Kingdom

Tel: +44 (0)1943 850967 Fax: +44 (0)1943 850965 Email: info@tls-ltd.demon.co.uk

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



TEST CERTIFICATE

No. 23749/1

Client

J. & C. Joel Limited

Corporation Mill
Corporation Street
Sowerby Bridge
HALIFAX
HX6 2QQ.

Fabric Reference

Wool Serge DFR, Black

Descriptions are information supplied by the client

Dimensions (approx)

112cm by 156cm

Sample received

11/3/2009

PRETREATMENT: None

Classification of Burning Behaviour of Curtains & Drapes by BS EN 13773 : 2003

TESTING (subcontracted)

Fabrics are tested for ignition at 20 secs flame application time by BS EN 1101. If the result is Non-Ignition the fabric is then tested by BS EN 13773 : 2003 to determine Classes 1, 2 and 3. If the result is Ignition the fabric is then tested against BS EN 1102 to determine Classes 4 and 5.

1. BS EN 1101 (using BS EN ISO 6940 - Edge Ignition)

Test results relate only to the sample tested. Five specimens from both length and width were tested in accordance with BS EN 1101 (using BS EN ISO 6940 - Edge Ignition) using a 20 second flame application time.

The test results may not apply to situations where there is a restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration. The second specimen in each direction was tested in the inverse direction to the other two specimens. Testing was carried out on the face side of the fabric. The following results were noted.

Specimen	Lengthways					Widthways				
	1	2	3	4	5	1	2	3	4	5
Ignition?	no	no	no	no	no	no	no	no	no	no

Requirements: Any "Yes" means fail, if so proceed to test according to BS EN 1102 (using BS EN ISO 6941 - Flame Spread)

BS EN 1101 Result: Non ignition

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BS EN 13772 : 2003 Curtains & Drapes - Edge ignition after heat irradiation

Test results relate only to the sample tested. Three specimens from both length and width were tested in accordance with BS EN 13772 using a 10 second flame application time. Tests were conducted on the worst side of the fabric as determined by pre-testing

The test results may not apply to situations where there is a restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration. The second specimen in each direction was tested in the inverse direction to the other two specimens. The following results were noted.

Specimen	Lengthways			Widthways		
	1	2	3	1	2	3
Marker 1 severed?	yes	no	no	yes	no	no
Marker 1 time(s)						
Marker 3 severed?	no	no	no	no	no	no
Marker 3 time(s)	n/a	n/a	n/a	n/a	n/a	n/a
Flaming debris	no	no	no	no	no	no
Destroyed length (mm)	135	150	135	185	165	200

BS EN 13773 criteria:


Class 1: EN1101 Non-ignition, EN13772 Marker 1 not severed, no flaming debris

Class 2: EN1101 Non-ignition, EN13772 Marker 3 not severed, no flaming debris

Class 3: EN1101 Non-ignition, EN13772 Markers severed and/or flaming debris

BS EN 13773 Classification:

Class 2

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

Checked by 