

Leatherette

Perfect For: • Decorative/Scenic • Film & TV • Stage



J&C Joel 

the inspiration behind the performance

Contents

Composition & Care

137 cm 3

Fire Certificate

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TECHNICAL



NDFR

Non Durably Flame Retardant

chemically treated with a water solution and if wetted in any way should be retreated



DFR

Durably Flame Retardant

chemically treated to withstand a number of cleanings



IFR

Inherently Flame Retardant

woven from fibres with a high flame retardancy



FR

Flame Retardant

chemically treated to an individual specification



NOT FR

Not Flame Retardant no flame retardant treatment



Confirmation that the fabric meets one or more flame retardant standards

BS5867 BS5867 Pt2 B is the British Standard for flame retardant fabrics used for curtains and drapes

BS5852 BS5852 Pt1 is the British Standard for flammability of upholstered composites for seating

BS4790 BS4790: 1987 Determination of the effects of a small source of ignition on textile floor coverings hot metal nut method (method 1, loose laid)

EN13773: 2003 Meets European fire safety standards for vertically hung fabrics. Burning behavior, ignitability testing of curtain fabric for use in the contract market.

TL 1080-0002/8 German Military Specification for horizontally tested materials

EN14041 Details the requirement for CE Marking of textiles, laminate and resilient floor coverings

BS7905-1:2001 Lifting equipment for performance, broadcast and similar applications.

ATTRIBUTES



Approx roll length of material in linear metres (m) & feet (ft)



Approx width of material in centimetres (cm) & inches (")



Approx weight in grams per metre squared (g/m²)



Approx thickness in (mm)

M1, M2, M4 Conforms to French Fire Regulations

B1, B2 Conforms to German Fire Regulations DIN 4102

IMO Conforms to International Maritime Organisation regulations

Classe Uno Meets Italian Fire Regulations

BS EN13501-1 Fire Classification of construction, products and building elements. Classification using test data from reaction to fire tests






CFC EN ISO 9239-1 Reaction to fire test. Horizontal surface spread of flame on floor covering system. Determination of the burning behaviour using a retardant heat source

NFPA 701 NFPA 701: (USA) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

EN9239-1 Reaction to fire tests – horizontal surface spread of flame on floor covering systems

DIN EN1021 Meets European fire safety standards for exposure to different ignition sources, namely a lit cigarette and butane flame. Assessment of the ignitability of upholstered furniture

To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

Fabric	Flame Retardancy	DFR
	Fire Certification	BS5867, M2, IMO, EN1021, BS5852.
	Brand Name (and Manufacturer)	J&C Joel Ltd,
	Material (Blending Ratio)	Vinyl
	Construction of Fabric	Extruded Face / Knitted Backing
Chemicals	Surface Treatments	None
	Brand Name of Flame Retardant Chemicals	N/A
	Chemical name of Flame Retardant Chemicals	N/A
	Process of Flame Retardant Chemicals	N/A
Care	Information	Durably Flame Retardant. This means that the fabric is chemically treated to meet the flammability requirements of BS5867 Part 2 Type B, M2, IMO, EN1021 and BS5852. FR properties will be maintained if subject to moisture, however do not wash.
	Laundrying Treatment	<p>This fabric is not pre-shrunk.</p> <div>      </div> <p>Do Not Dry Clean Do Not Wash Do Not Bleach Do Not Iron Do Not Tumble Dry</p>
Notes		



Fire Rating:
DFR



Approx Roll Length:
25m / 82ft



Width:
137cm / 54"



Weight:
650 g/m²



Fire Certification:
BS5867, M2, IMO,
EN1021, BS5852



Colours
Available

For further information please contact our sales team sales@jcjoel.com

Fire Test Certificate – Specimen

Fabric: Leatherette
Type: BS5867 Part 2 Type B

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Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
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Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 21 December 2021

Our Ref: 23/59183F/12/21
Your Ref: ---

Page: 1 of 4

Client: J & C Joel Ltd

Corporation Mill
Corporation Street
Sowerby Bridge
Halifax
HX6 2QQ

Job Title: Fire Test on One Fabric Sample

Clients Order Ref: 65619

Date of Receipt: 9 December 2021

Date Test Started: 17 December 2021

Description of Sample: One sample of fabric, which was referenced by the client as;

Leatherette, stated to be: FR Vinyl

Work Requested: We were asked to make the following fire test:

BS 5867:Part 2:Type B:2008 (2015)

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited

Note: This report relates only to the samples submitted and as described in the report.



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Fire Test Certificate – Specimen

Fabric: Leatherette
Type: BS5867 Part 2 Type B

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Page: 2 of 4

Client: J & C Joel Ltd

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

Conditioning

The test specimens were conditioned for at least 24 hours in the standard atmosphere of $65 \pm 5\%$ relative humidity and $20 \pm 2^\circ\text{C}$.

Testing as received

Three specimens from both length and width were tested in accordance with BS EN ISO 15025:Procedure A (surface ignition):2002. The sample was tested at 20°C and 40% relative humidity.

Each specimen was subjected to an applied flame using butane and a 15 second flame application time. The results obtained (shown in the table below) were assessed according to the requirements of BS 5867:Part 2:Type B:2008 (2015).

Pre-treatment

If the fabric is a pass in the 'as received' condition then the fabric is subjected a water soak procedure as specified in BS EN 1021:Annex D:2006.

Testing after pre-treatment

Three specimens, after pre-treatment, from both length and width were tested following the procedure described above.



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Fire Test Certificate – Specimen

Fabric: Leatherette
Type: BS5867 Part 2 Type B

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Page: 3 of 4

Client: J & C Joel Ltd

Results - Testing as Received:

	Length			Width		
Specimen No.	1	2	3	4	5	6
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No
Afterflame (s)	25	10	11	15	8	22
Afterglow (s)	0	0	0	0	0	0

Requirements - Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, if the second 6 specimens all pass the result is a pass.

Result in 'as received': Pass

Results - Testing after pre-treatment:

	Length			Width		
Specimen No.	1	2	3	4	5	6
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No
Afterflame (s)	6	13	15	20	22	19
Afterglow (s)	0	0	0	0	0	0

Requirements - Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, if the second 6 specimens all pass the result is a pass.

Result in 'after pre-treatment': Pass



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Fire Test Certificate – Specimen

Fabric: Leatherette
Type: BS5867 Part 2 Type B

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Client: J & C Joel Ltd

Comment

The fabric meets the Type B performance requirements of BS 5867: Part 2: Type B:2008 (2015).

This material should be identified with the manufacturers name, trademark or other identifying mark, the statement 'Flammability complies with the requirements of BS 5867: Part 2:Type B and instructions of any special precautions to be taken concerning care (including cleansing) of the curtain, drape or window blind to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS EN 23758 and taking account of the pre-treatment using in this test and the requirements of Clause 4 of BS 5867:Part 2:2008 (2015). If the fabric is unsuitable for cleansing, this shall be stated.


An estimation of uncertainty of measurement has been taken into account when making a judgment to any pass/fail criteria. Under our Policy we have used a non-binary decision rule.

See our Decision rules Policy (<http://www.bttg.co.uk/decision-rules-policy>) for further information.

Uncertainty Budget

Measurements are not taken and pass/fail is related to flame extremities and flaming debris, as such any risk of false acceptance/false rejection is inherent with this standard and would be outside of 95% probability in any case. As such UoM is Zero providing all input parameters are correct.

There is no uncertainty budget associated with BS 5867:Part 2:Type B as no measurements are determined, the pass/fail criteria is assessed visually.

Reported by:  B Bland, Technical Customer Service Officer

Countersigned by:  P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.



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Fire Test Certificate – Specimen

Fabric: Leatherette
Type: BS5852

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6-APR-2018 13:32 FROM:

01282831387

TO: 01422835157

P. 1

J & C JOEL LTD
CORPORATION MILL
CORPORATION STREET
SOWERBY BRIDGE
HALIFAX
HX6 2QQ

06/04/2018

Description and
Specification

LEXAIRE
SONDRIO

LEXAIRE FR MATERIAL

WE CONFIRM THAT THE MATERIAL SUPPLIED
PASSES THE FOLLOWING FIRE RETARDANT
STANDARDS:

BS5852 IGN SOURCE
0 & 1 - Using normal CMHR
Polyurethane upholstery
foams & to FMVSS302

PASS

AND COMPLIES WITH R.E.A.C.H REGULATIONS
WHICH PROHIBIT THE USE OF PHTHALATES

Certified that the goods listed hereon have been inspected and tested, and unless otherwise stated conform
to the full requirements of the order.

Furthermore the raw materials and/or parts used have been obtained from approved sources supported by
release notes/certificates.

Signed:

LEN KORN

Position:

PRODUCTION DIRECTOR



Lexaire : serving leading industry since 1965

Fire Test Certificate – Specimen

Fabric: Leatherette
Type: M2

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NFP 92-503

Exova
Warringtonfire

Executive Summary

Objective

To determine the performance of the following product when tested in accordance with NFP 92-503.

Generic Description	Product reference	Thickness	Weight per unit area or density
PVC coated cotton fabric	"Contract Expression 110746"	1.15mm	735g/m ² *
Individual components used to manufacture composite:			
Expanded PVC coating	"110746 Expression White"	Not stated	Not stated
Knitted cotton backing	"Contract Back PVC"	Not stated	110g/m ²
* determined by Exova Warringtonfire			
Please see page 5 of this test report for the full description of the product tested			


Test Results:


The results of this test, when assessed in accordance with the stipulations of the order from the Ministère de l'Industrie et de la Décentralisation, dated 28th August 1991 relating to reaction to fire, indicate that the specimens, as tested, are classified as M2.

Date of Test

9th September 2011

Signatories


Responsible Officer
S. Deeming *
Senior Technical Officer


Authorised
C. Dean *
Operations Manager

* For and on behalf of Exova Warringtonfire.

Report Issued: 19th September 2011

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Document No.: 310775
Author: S. Deeming
Client: CMI (Lexaire) Limited

Page No.: 2 of 9
Issue Date: 19th September 2011
Issue No.: 1



0249

Fire Test Certificate – Specimen

Fabric: Leatherette
Type: IMO

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TFT
(Ilkley) Ltd.

The Sidings Business Park, SKIPTON, North Yorkshire, BD23 1TB
Phone or Fax 01756 792525

Office: 30 Alexandra Crescent, ILKLEY, West Yorkshire, LS29 9ER, Phone or Fax 01943 603459

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



TEST CERTIFICATE

No. F13410/1A

Testing to Part 8 of the 2010 FTP Code Fire Test Procedures
for the ignitability by smokers' materials of upholstered composites for seating

SAMPLE INFORMATION

Fabric Reference **Lexaire**
Dimensions **120cm by 135cm (Full width)**
Date Received **29/07/13**
Pre-treatment **None - the fabric was stated to be inherently flame retardant**
Conditioning **Not less than 72 hrs indoor ambient, followed by at least 16hrs at 20 +/- 2C, 50 +/- 20% RH**

TESTING

Following the pre-treatment indicated above, the material was conditioned and tested according to the test procedure specified in Clause 7 of **Part 8 of the 2010 FTP Code Fire Test Procedures for the ignitability by smokers' materials of upholstered composites for seating.**

The test prescribes methods for assessing the ignitability of material combinations, e.g. covers and fillings used in upholstered seating, when subjected to either a smouldering cigarette or a lighted match as might be applied accidentally in the use of upholstered seats. It does not cover ignition caused by deliberate acts of vandalism.

COMBINATION OF MATERIALS

The sample was tested over non-fire retardant polyurethane foam with a density of approximately 20 - 22 kg/m³ as specified in Appendix A3 of the above Resolution

RESULTS

Both cigarette applications showed no flaming or smouldering one hour after placement; both match applications extinguished within 120 seconds from removal of the burner tube. No test showed progressive smouldering on final inspection.

CONCLUSION

The sample received meets the requirements of 'Smouldering Cigarette Test' of Part 8 of the 2010 FTP code Fire Test for Upholstered Furniture

The sample received meets the requirements of 'Propane Flame Test' of Part 8 of the 2010 FTP code Fire Test for Upholstered Furniture

The fabric may be labelled "IMO FTPC Part 8", using non fire retardant foam

END OF REPORT

Mr J Firth
Technical Manager
END OF REPORT

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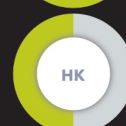
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