Projection Screen Fog

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

J&C Joel

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Contents

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Composition & Care

220 cm 3

Fire Test Certificate

BS5867 Part 2 Type B 5

M2 9

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/m^2)

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

Datasheet - Fabrics & Flooring

Fog Projection Screen

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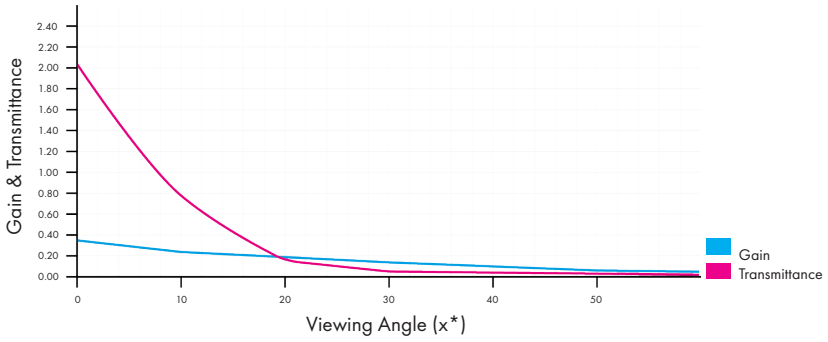
To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

A frosted surface that can be used for lighting effects, illuminated ceilings and as a diffusion screen for LED's.

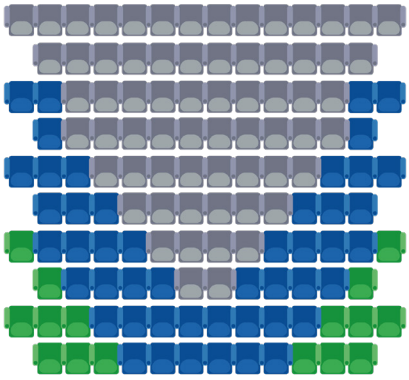
Fabric	**Flame Retardancy**	DFR
	Fire Certification	BS5867, M2
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% PVC
	Colour	Fog
	Construction of Fabric	Extruded
	Thickness	0.3mm
	Type of Screen	Dual
Chemicals	**Surface Treatments**	None
	Brand Name of Flame Retardant Chemicals	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 this type of projection screen is chemically treated to meet the flammability requirements of BS5867 and M2. FR properties will be maintained if subject to moisture. For cleaning, use a soft damp cloth (water only).
	Laundering Treatment	 Do Not Dry Clean · Do Not Wash · Do Not Bleach · Do Not Iron · Do Not Tumble Dry
Notes		Clean using a mild detergent.



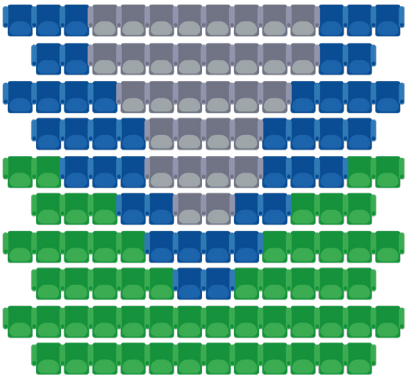
For further information please contact our sales team **sales@jcjoel.com**

Transmittance and gain perform in similar ways – a high gain (front projection) or transmittance (rear projection) screen will ultimately produce a brighter image in the centre of the viewing area. The higher the gain or transmittance the brighter the image will be making it more suitable for lower power projectors and environments with higher ambient light conditions.

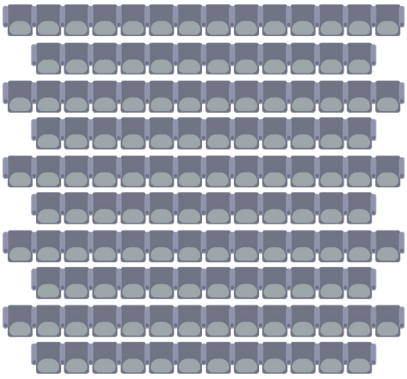
A high gain or transmittance screen will narrow the viewing angle with an increased chance of hot spotting and lower brightness uniformity. Low gain or transmittance provide wider viewing angles and a more even light distribution, ensuring a uniform brightness across the screen, suitable for low ambient light conditions.



Mid Gain



High Gain



Unity Gain

Gain
Gain is a measurement of screen reflectivity and affects brightness of projected imagery on to a screen surface. The figure represents a ratio of the light back from the screen compared to that of a standard reference screen normally a uniform matt white surface with a gain of 1.0.

Transmittance
Transmittance differs from gain in that it is a measurement of light passing through a screen and therefore only applies to rear projection surfaces. The transmittance value is the ratio of light passed through a screen compared to light reflected from a reference matt white surface.

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BTTG
TESTING • CERTIFICATION • AUDITING

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Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 September 2017

Our Ref: **53939-3**
Your Ref: -

Client: J. & C. Joel Limited
Corporation Mill
Corporation Street
Sowerby Bridge
Halifax
HX6 2QQ

Job Title: Surface Ignition Of Curtains & Drapes

Client's Order No: -

Date of Receipt: 21 August 2017
Date of Test Start: 01 September 2017

Description of Sample(s): One sample identified as follows was received for testing:

PVC Projection Screen, stated to be DFR

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

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

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Our Ref: **53939-3**
Your Ref: -

J. & C. Joel Limited

Sample was identified as follows:

PVC Projection Screen, stated to be DFR

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds
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 60 % relative humidity (R.H.).

Each specimen was subjected to an applied flame using propane 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: 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.

Test results relate only to the sample tested.

The results for all tests are given in the table(s) on the following page(s).

Reported by:.....
J Coleman
Fire Technician

Countersigned By:.....
P Doherty
Operational Head

Enquiries concerning this report should be addressed to Customer Services.

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Date: 01 September 2017

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J. & C. Joel Limited

RESULTS

Sample Ref: PVC Projection Screen, stated to be DFR

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

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

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

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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Conclusion
The fabric meets the Type B performance requirements of BS 5867: Part 2: 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.

Uncertainty Budget
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.

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1066

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PROCES-VERBAL DE CLASSEMENT DE REACTION AU FEU D'UN MATERIAU

prévu à l'article 5 de l'arrêté du 21 novembre 2002

VALABLE 5 ANS à compter du 19 avril 2022

N° P217614 - DEC/4

et annexe de 4 pages

Marque commerciale :

Description sommaire :

Composition globale :	Feuille de PVC translucide ignifugée dans la masse.
Utilisation :	Ecran pour les événements
Masse :	430 g/m²
Epaisseur :	0,3 mm
Coloris :	Translucide
Rapport d'essais :	**N° P217614 - DEC/4 du 19 avril 2022**
Nature des essais :	Détermination du classement selon NF P 92-507 (février 2004) Essai au brûleur électrique selon NF P 92-503 (décembre 1995)

Classement : **M2**

VALABLE POUR TOUTE APPLICATION NON COUVERTE PAR L'ART. AM18 §2 DE LA REGLEMENTATION ERP

Durabilité du classement (NF P 92-512 : 1986) : NON LIMITEE A PRIORI

compte tenu des critères résultant des essais décrits dans le rapport d'essai **N° P217614 - DEC/4** annexé.
Pour déterminer le classement, il n'a pas été tenu compte de l'incertitude associée au résultat.

Ce procès verbal atteste uniquement des caractéristiques de l'échantillon soumis aux essais et ne préjuge pas des caractéristiques de produits similaires. Il ne constitue pas une certification de produits au sens de l'article L.115-27 du code de la consommation et de la loi du 3 juin 1994.

Est seule autorisée la reproduction intégrale soit du présent Procès-verbal de classement qui comprend 1 page soit l'intégralité du Procès-Verbal et rapport annexé qui **comporte 5 pages**.

Trappes, le 19 avril 2022

Laboratoire national de métrologie et d'essais – LNE

Le Responsable du Département
Comportement au Feu et Sécurité Incendie

Thibaut CORNILLON

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