

PVC Kiss Laminate

Perfect for: Stage • Masking • Decorative/Scenic • Film & TV • Acoustic

J&C Joel TM
Inspiration in every performance

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Composition and Care

130 cm 3

Fire Certificates

BS5867 Part 2 Type B 4

EN13501-1 8

Composition & Care

130 cm

Fire Certificate

BS5867 Part 2 Type B

EN13501-1

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



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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.

Fabric	Flame Retardancy	DFR
	Fire Certification	BS5867 Part 2 Type B, EN13501-1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% PVC
	Construction of Fabric	Extruded
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 fabric is chemically treated to meet the flammability requirements of BS5867 Part 2 Type B and EN13501-1. FR properties will be maintained if subject to moisture. For cleaning use an Alkaline PVC compatible detergent.
	Laundering Treatment	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Dry Clean Only</div> <div style="text-align: center;"> Do Not Wash</div> <div style="text-align: center;"> Do Not Bleach</div> <div style="text-align: center;"> Do Not Iron</div> <div style="text-align: center;"> Do Not Tumble Dry</div> </div>
Notes		



Fire Rating:
DFR



Approx Roll Length:
50m / 164ft



Width:
130cm / 51"



Weight:
240 g/m²



Fire Certification:
BS5867 Part 2
Type B, EN13501-1



Colour Available
20



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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: BS5867 Part 2 Type B

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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: 15 August 2017
Our Ref: 53651-26
Your Ref: -
Page: 1 of 4

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: 16 June 2017
Date of Test Start: 29 June 2017

Description of Sample(s): One sample identified as follows was received for testing:
PVC Kiss Laminate, 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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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: BS5867 Part 2 Type B

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Sample was identified as follows:

PVC Kiss Laminate, stated to be DFR

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Email: info@btg.co.uk
Website: www.bttg.co.uk

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Page: 2 of 4

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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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: BS5867 Part 2 Type B

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RESULTS

Sample Ref: PVC Kiss Laminate, stated to be DFR

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Page: 3 of 4

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

Testing as Received

Specimen No.	Length			Width		
	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

Specimen No.	Length			Width		
	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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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: BS5867 Part 2 Type B

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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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Page: 4 of 4

SPECIMEN



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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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Le progrès, une passion à partager

LABORATOIRE DE TRAPPES
29 avenue Roger Hennequin - 78197 Trappes Cedex
Tél. : 01 39 69 10 00 - Fax : 01 39 69 12 34

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Ce document est une extension du rapport L011685 - DE/7
This document is an extension of the report L011685 - DE/7

CLASSEMENT DE LA REACTION AU FEU CONFORMEMENT A L'EN 13501-1 : 2007

CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH EN 13501-1 : 2007

Elaboré par
Prepared by

LABORATOIRE NATIONAL DE METROLOGIE ET D'ESSAIS
Laboratoire de Trappes
29, avenue Roger Hennequin
78197 TRAPPES CEDEX
FRANCE

Nom du produit
Product name

J1818

N° de rapport de classement
Classification report No

L011685

Numéro d'émission
Issue number

DE/25

Date d'émission
Date of issue

30/10/2012
10/30/2012



Ce rapport de classement comprend 7 pages et ne peut être utilisé ou reproduit que dans son intégralité.

This classification report consists of 7 pages and may only be used or reproduced in its entirety.

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N° 1-0806
Portée disponible
sur www.cofrac.fr

Laboratoire national de métrologie et d'essais

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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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1. INTRODUCTION / INTRODUCTION

Le présent rapport de classement définit le classement attribué à J1818 conformément aux modes opératoires donnés dans l'EN 13501-1 : 2007.

This classification report defines the classification assigned to J1818 in accordance with the procedures given in EN 13501-1 : 2007.

2. DETAILS DU PRODUIT CLASSE / DETAILS OF CLASSIFIED PRODUCT

2.1. GENERALITES / GENERAL

Le produit, J1818, est défini comme (EN 14716 : Plafonds tendus - Exigences et méthodes d'essai.):

The product, J1818, is defined as a stretched ceiling (NF EN 14716 : stretched ceilings - Requirements and tests methods).

2.2. DESCRIPTION DU PRODUIT / PRODUCT DESCRIPTION

Le produit, J1818, est décrit ci-dessous ou dans les rapports d'essai fournis en appui du classement détaillé en 3.1.

The product, J1818, is described below or is described in the test reports provided in support of classification listed in 3.1.

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Test report following next page

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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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Nom et adresse du demandeur :	Twite Charles & Co Ltd Magna Road, Wigston Leicestershire LE18 4ZD Royaume-Uni
Référence commerciale : <i>(Commercial designation - trade mark)</i>	J1818
Composition sommaire : <i>(Summary composition)</i>	Feuille PVC-P ignifugée dans la masse. <i>PVC-P sheet fireproofed in mass.</i>
Masse surfacique : <i>(Mass per unit square meter)</i>	230 g/m ² ± 10%
Epaisseur testée : <i>(Thickness tested)</i>	(0,18 ± 2) mm
Couleur et aspect : <i>(Colour and appearance)</i>	Divers <i>various</i>
Ignifugation : <i>(Fireproofing)</i>	Oui <i>Yes</i>
Condition finale d'utilisation : <i>(End use condition)</i>	Plafonds tendus <i>Stretched ceiling</i>

Informations transmises par le demandeur.
Information given by the sponsor.

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Test report following next page

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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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3. RAPPORTS D'ESSAI & RESULTATS D'ESSAI EN APPUI DE CE CLASSEMENT TEST REPORTS & TEST RESULTS IN SUPPORT OF CLASSIFICATION

3.1. RAPPORTS D'ESSAI / TEST REPORTS

Nom du laboratoire <i>Laboratory name</i>	Nom du commanditaire du rapport de classement <i>Sponsor name of the classification report</i>	N° du rapport d'essai <i>Test report N°</i>	Méthode d'essai <i>Test method</i>
LNE	Twite Charles & Co Ltd Magna Road, Wigston Leicestershire LE18 4ZD Royaume-Uni	L011685 - DE/5	NF EN ISO 11925-2 (2002)
LNE	Twite Charles & Co Ltd Magna Road, Wigston Leicestershire LE18 4ZD Royaume-Uni	L011685 - DE/6	NF EN 13823

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Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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3.2. RÉSULTATS D'ESSAI / TEST RESULTS

Méthode d'essai Test method	Produit (usine) Product (factory)	Nombre d'épreuves Number of tests	Paramètres Parameters	Résultats / Results	
				Paramètre continu Moyenne (m) Continuous parameter Average (m)	Paramètres conformité Conformity parameters
NF EN ISO 11925-2	J1818	18	Temps d'exposition du brûleur 15 s Flame application time 15 s Fs <= 150 mm	-	-
			Temps d'exposition du brûleur 30 s Flame application time 30 s Fs <= 150 mm	-	Oui / Yes
			Gouttelette/particules enflammées Inflammation du papier filtre Flaming droplets Combustion of the filter paper	-	Pas de chute de goutte / No droplets
NF EN 13823	J1818	5	FIGRA 0,2MJ (Ws)	3	-
			FIGRA 0,4MJ (Ws)	1	-
			LFS	-	Oui / Yes
			THR 600s (MJ)	0.5	-
			SMOGRA (m²/s²)	153	-
			TSP 600s (m²)	78	-
			FDP <= 10 s	-	Non / No
			FDP > 10 s	-	Non / No

(-) signifie / means : non applicable / no applicable

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Test report following next page



Fire Test Certificate - Specimen

Fabric: PVC Kiss Laminate

Type: EN13501-1

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4. CLASSEMENT ET DOMAINE D'APPLICATION
CLASSIFICATION AND FIELD OF APPLICATION

4.1. REFERENCE DE CLASSEMENT / REFERENCE OF CLASSIFICATION

Le présent classement a été effectué conformément à l'EN 13501-1 : 2007.
This classification has been carried out in accordance with EN 1350-1 : 2007.

4.2. CLASSEMENT / CLASSIFICATION

Le produit, J1818, a été classé en fonction de son comportement au feu :
The product, J1818, in relation to its reaction to fire behaviour is classified :

B

Le classement supplémentaire en relation avec la production de fumée est :
The additional classification in relation to smoke production is

s2

Le classement supplémentaire en relation avec les gouttelettes/particules enflammées est :
The additional classification in relation to flaming droplets particles is :

d0

Le format du classement de réaction au feu pour les produits de construction, à l'exception des revêtements de sol et des produits d'isolation thermique pour conduites linéaires est :

The format of the reaction to fire classification for construction products excluding flooring and linear pipe thermal insulation products is:

Comportement au feu / <i>Fire behaviour</i>		Production de fumées / <i>Smoke production</i>		Gouttes enflammées / <i>Flaming droplets</i>
B	-	s2	,	d0

C'est à dire / i.e., B - s2, d0

Classement de réaction au feu : <i>Reaction to fire Classification :</i>	B-s2, d0
--	-----------------

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Test report following next page



Fire Test Certificate - Specimen

Fabric: PVC Kiss Lamine

Type: EN13501-1

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4.3. DOMAINE D'APPLICATION / FIELD OF APPLICATION

Le présent classement est valable pour les paramètres suivants liés au produit ;
This classification is valid for the following product parameters ;

- le classement est valable pour les produits cités en § 2.2 ou formulés de manière strictement identique dans le site de production cité ;
- the classification is valid for the products mentioned in § 2.2 or strictly stipulated in the quoted production site ;
- masse surfacique : $230 \text{ g/m}^2 \pm 10\%$;
- mass per unit square meter : $230 \text{ g/m}^2 \pm 10\%$;
- épaisseur : $(0,18 \pm 2) \text{ mm}$;
- thickness : $(0,18 \pm 2) \text{ mm}$;
- coloris et aspect : divers.
- colours and appearance : various.

Le classement est valable pour les conditions d'utilisation finales suivantes :

- The classification is valid for the following end use conditions :*
- avec substrat classé A1 ou A2 et une lame d'air de 40 mm minimum, maintenu tendu à la périphérie par un système de maintien permettant d'appliquer une force de tension minimale de 30 daN/m au film.
- with substrate classified A1 or A2 and a minimum airgap of 40 mm, kept under tension at its edges by a fastening system applying a minimum tensile force of 30 daN/m to the film.

5. LIMITATIONS / LIMITATIONS

Le présent document de classement n'est pas une approbation, ni une certification de type produit.
This classification document does not represent type approval or certification of the product.

Trappes, le 30 octobre 2012
Trappes, the 30th of October

Le Responsable du Département
Comportement au feu et Sécurité incendie
*The Head of Fire Behaviour
and Fire Safety Department*



Sophie THIEFRY

Le Responsable de l'essai
The Responsible for test



Guillaume LE GOFF



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