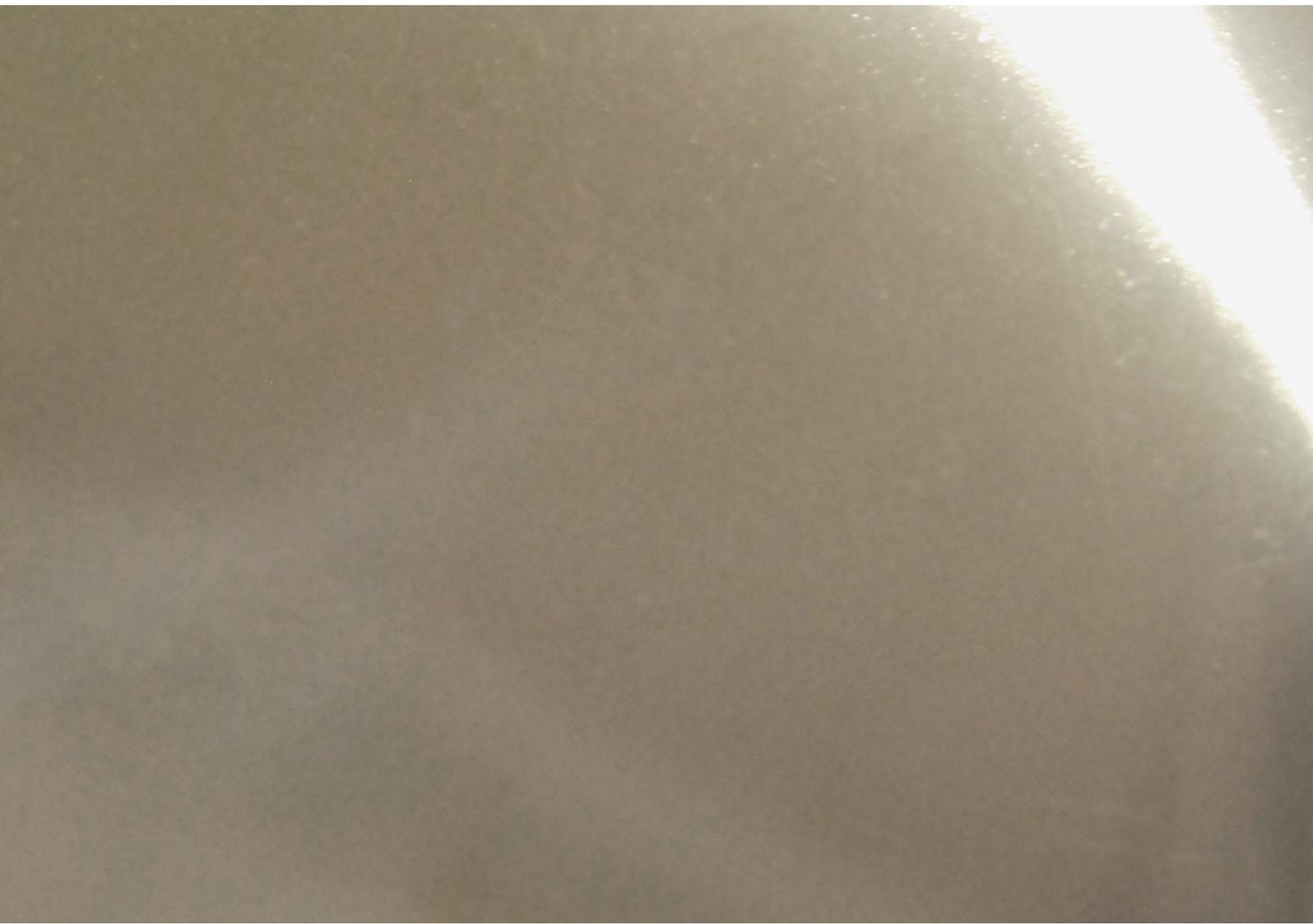


Joelmat Mirror

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



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Composition & Care

140 cm	3
Fire Certificate	
BS4790	4
EN13501-1	7

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.

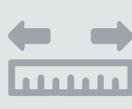
Fabric	Flame Retardancy	DFR
	Fire Certification	BS4790, EN13501-1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% PVC
	Construction of Fabric	Calandered
Chemicals	Surface Treatments	None
	Brand Name of Flame Retardant Chemicals	ATH & SB2 03
	Chemical name of Flame Retardant Chemicals	ATH & SB2 03
	Process of Flame Retardant Chemicals	System Endothezmique, Halogen System
Care	Information	<p>Durably Flame Retardant. This means that this type of flooring is chemically treated to meet the flammability requirements of BS4790 and EN13501-1. FR properties will be maintained if subject to moisture.</p> <p>For cleaning use an Alkaline PVC compatible detergent.</p>
	Laundering Treatment	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Do Not Dry Clean</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:
25m / 82ft



Width:
140cm / 55"



Weight:
1500 g/m²



Fire Certification:
BS4790, EN13501-1



Colours
Available

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

Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: BS4790

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TESTING • CERTIFICATION • AUDITING

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

Date: 14 August 2017

Our Ref: 53645-4

Your Ref: -

Page: 1 of 3

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

Job Title: Hotel Metal Nut Test

Client's Order No: -

Date of Receipt: 16 June 2017

Date of Test Start: 21 June 2017

Description of Sample(s): One sample identified as follows was received for testing:
Joelmat mirror, stated to be DFR

Work Requested: We were asked to make the following test:
Fire test according to BS 4790:1987 (2014)



1066

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Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: BS4790

J&C Joel

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TESTING • CERTIFICATION • AUDITING

J. & C. Joel Limited

Sample was identified as follows:

Joelmat mirror, stated to be DFR

Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@btg.co.uk
Website: www.btg.co.uk

Date: 14 August 2017

Our Ref: 53645-4

Your Ref: -

Page: 2 of 3

FIRE TESTS ACCORDING TO BS 4790:1987 (2014)

Determination of the effects of a small source of ignition on textile floorcoverings, (Hot Metal Nut Method)

Procedure

The sample was tested according to the above standard. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard by BTTG.

Requirements

The results were classified according to BS 5287:1988 (2014) - 'Assessment and Labelling of Textile floorcoverings tested to BS 4790' The full descriptions of the classifications, abbreviated to low, medium or high in the table of results, are as follows:-

low radius of effects of ignition (up to 35mm)

medium radius of effects of ignition (40 to 75mm)

high radius of effects of ignition (80mm or over).



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Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: BS4790

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TESTING • CERTIFICATION • AUDITING

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

Date: 14 August 2017

Our Ref: 53645-4

Your Ref: -

Page: 3 of 3

J. & C. Joel Limited

Results

Duration of Flaming (s)	Greatest radius of char		Class
	Face (mm)	Back (mm)	
31	25	20	Low
31	25	15	Low
30	20	15	Low

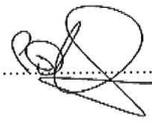
Note

The test results relate only to the behaviour of the test specimens after application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire

The test was carried out on specimens loose laid onto 6mm calcium silicate non-combustible backing boards, in accordance with mounting method 1.

Please note that a high classification is the worst result and a low classification is the best result. Also the end result is based on the worst specimen of the three specimens tested.

Reported by: 
B Marsden (Mrs)
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: Joelmat Mirror
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 30 69 10 00 – Fax: 01 30 69 12 34

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File P170054 - Document DE/3 - Page 1/7

Ce document annule et remplace le Dossier P170054/DE2
This document cancels and replaces the File P170054/DE2

**CLASSEMENT DE LA REACTION AU FEU
CONFORMEMENT A LA NF EN 13501-1+A1 : 2013
CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH NF EN 13501-1+A1 : 2013**

Commanditaire
Sponsor

Elaboré par
Prepared by

Laboratoire national de métrologie et d'essais
Laboratoire de Trappes
29 avenue Roger Hennequin
78197 TRAPPES CEDEX
FRANCE

N° de l'organisme notifié
Notified Body No

Notification par l'Etat Français auprès de la
Commission Européenne sous le N° 0071
Notified by French government to EC N° 0071

Nom du produit
Product name

3400

N° de rapport de classement P170054
Classification report No

Numéro d'émission
Issue number

DE/3

Date d'émission
Date of issue

18/05/2017



Accréditation
N° 1-0606
Portée disponible
sur www.cofrac.fr

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.

Laboratoire national de métrologie et d'essais

Établissement public à caractère industriel et commercial • Siège social : 1, rue Gaston Boissier - 75724 Paris Cedex 15 • Tél. : 01 40 43 37 00
Fax : 01 40 43 37 37 • E-mail : info@lne.fr • Internet : www.lne.fr • Siret : 313 320 244 00012 • NAF : 743 B • TVA : FR 92 313 320 244
Barclays Paris Centrale IBAN : FR76 3058 8600 0149 7267 4010 170 BIC : BARCFRPP

Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: EN13501-1

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File P170054 - Document DE/3 - Page 2/7

1. INTRODUCTION INTRODUCTION

Le présent rapport de classement définit le classement attribué à 3400 conformément aux modes opératoires donnés dans la NF EN 13501-1 + A1 : 2013.
This classification report defines the classification assigned to 3400 in accordance with the procedures given in NF EN 13501-1 + A1 : 2013.

2. DETAILS DU PRODUIT CLASSE DETAILS OF CLASSIFIED PRODUCT

2.1. GENERALITES GENERAL

Le produit, 3400, est défini comme un revêtement de sol (NF EN 14041 - Revêtements de sol résilients, textiles et stratifiés) :
The product, 3400, is defined as a floorcovering (NF EN 14041 - Resilient, textile and laminate floor coverings) :

2.2. DESCRIPTION DU PRODUIT PRODUCT DESCRIPTION

Le produit, 3400, est décrit ci-dessous ou dans les rapports d'essai fournis en appui du classement détaillé en 3.1.
The product, 3400, is described below or is described in the test reports provided in support of classification listed in 3.1.

Suite du rapport page suivante
Report to be followed on next page



Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: EN13501-1

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Dossier P170054 - Document DE/3 - Page 3/7
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Nom et adresse du demandeur : <i>(Sponsor name and address)</i>	
Référence commerciale : <i>(Commercial designation - trade mark)</i>	3400
Composition sommaire : <i>(Summary composition)</i>	PVC + PET
Masse surfacique : <i>(Mass per unit square meter)</i>	1550 g/m ²
Epaisseur : <i>(Thickness)</i>	1.012 mm
Couleur : <i>(Colour)</i>	Noir / or Black / gold Noir / argent Black / silver
Ignifugation (oui ou non) : <i>(Fireproofing - yes or no)</i>	Oui / yes
Condition finale d'utilisation : <i>(End use condition)</i>	Tapis de danse Danse carpet

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

Suite du rapport page suivante
Report to be followed on next page



Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
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 <i>Sponsor name</i>	N° du rapport d'essai <i>Test report N°</i>	Méthode d'essai <i>Test method</i>
LNE		P154506 - DE/1	NF EN ISO 11925-2 (2013)
LNE		P154506 - DE/2 P170054 - DE/1	NF EN ISO 9239-1 (2013)

Suite du rapport page suivante
Report to be followed on next page



Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: EN13501-1

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3.2. RESULTATS 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	3400	6	Temps d'exposition du brûleur 15 s Flame application time 15 s Fs <= 150 mm	-	Oui Yes
			Temps d'exposition du brûleur 30 s Flame application time 30 s Fs <= 150 mm	-	-
			Gouttelette/particules enflammées Inflammation du papier filtre Flaming droplets Ignition of the filter paper	-	-
NF EN ISO 9239-1	3400	5	Eclairement critique (kW/m²) Critical flux (kW/m²) CHF-30	≥ 11	-
			Production de fumée (%.min) Smoke production (%.min)	72	-

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



Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
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 la NF EN 13501-1 + A1 : 2013.
This classification has been carried out in accordance with NF EN 13501-1 + A1 : 2013.

4.2. CLASSEMENT CLASSIFICATION

Le produit, 3400, a été classé en fonction de son comportement au feu :
The product, 3400, in relation to its reaction to fire behaviour is classified :

Bfl

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

s1

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

-

Le format du classement de réaction au feu pour les revêtements de sol est :
The format of the reaction to fire classification for floorings is :

Comportement au feu <i>Fire behaviour</i>	Production de fumées <i>Smoke production</i>
Bfl	s1

Classement de réaction au feu : <i>Reaction to fire Classification :</i>	Bfl - s1
--	-----------------

Pour déclarer le classement, il n'a pas été tenu explicitement compte de l'incertitude associée au résultat.
To state the classification, the uncertainty associated with the result has not been explicitly taken into account.



Fire Test Certificate – Specimen

Fabric: Joelmat Mirror
Type: EN13501-1

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File P170054 - Document DE/3 - Page 7/7

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 ;*

Le classement est valable pour les conditions d'utilisation finales suivantes :
The classification is valid for the following end use conditions :

Complexe en pose libre pour une utilisation finale sur substrats en bois et les classes A1 et A2-s1,d0.
Complex in free standing for an end use on substrates of wood and classes A1 and A2-s1,d0.

Les résultats d'essai obtenus sur un substrat normalisé conforme à l'EN 13238 sont applicables si la masse volumique du substrat pour l'utilisation finale est supérieure ou égale à 75 % de la valeur nominale de la masse volumique du substrat normalisé.
- soit 1350 kg/m³ pour un support classé A1 et A2-s1,d0.
- soit 510 kg/m³ pour un support en bois
Test results using a standard substrate complying with EN 13238 are applicable if the density of the end use substrate is at least 75 % of the nominal value of the density of that standard substrate.
- meaning 1350 kg/m³ for a classified substrate A1 and A2-s1,d0.
- meaning 510 kg/m³ for a substrate of wood.

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 18 mai 2017
Trappes, the 2017/05/18



Responsable du Département
Comportement au Feu et Sécurité Incendie
*Head of Fire Behaviour and Fire Safety
Department*

Maxime MAJ



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