

Joelmat (Chroma Key)

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

J&C Joel 

the inspiration behind the performance

Composition & Care

200 cm	3
Fire Certificate	
BS4790	4

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
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	Vinyl, Glass Fibre Reinforced
	Construction of Fabric	Non-Woven
Chemicals	Surface Treatments	Non
	Brand Name of Flame Retardant Chemicals	N/A
	Chemical name of Flame Retardant Chemicals	Phosphorus Compund
	Process of Flame Retardant Chemicals	Mixed Into Mass
Care	Information	<p>Durably Flame Retardant. This means that this type of flooring is chemically treated to meet the flammability requirements of BS4790. 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;">  <p>Do Not Dry Clean</p> </div> <div style="text-align: center;">  <p>Do Not Wash</p> </div> <div style="text-align: center;">  <p>Do Not Bleach</p> </div> <div style="text-align: center;">  <p>Do Not Iron</p> </div> <div style="text-align: center;">  <p>Do Not Tumble Dry</p> </div> </div>
Notes		



Fire Rating:
DFR



Approx Roll Length:
25m / 82ft



Width:
200cm / 79"



Weight:
1340 g/m²



Fire Certification:
BS4790



Colours
Available

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

Fire Test Certificate – Specimen

Fabric: Joelmat
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@btg.co.uk
Website: www.btg.co.uk

Date: 14 August 2017

Our Ref: 53645-1

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, 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
Type: BS4790

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TESTING • CERTIFICATION • AUDITING

J. & C. Joel Limited

Sample was identified as follows:

Joelmat, stated to be DFR

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Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
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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

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Results

Duration of Flaming (s)	Greatest radius of char		Class
	Face (mm)	Back (mm)	
33	25	15	Low
31	25	15	Low
33	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* Countersigned By: *P Doherty*
 B Marsden (Mrs) P Doherty
 Fire Technician Operational Head

Enquiries concerning this report should be addressed to Customer Services.



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