

# Embrace 1.4

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

**J&C Joel** ™

Inspiration in every performance

[www.jcjoel.com](http://www.jcjoel.com)

## Composition and Care

**140cm** 3

## Fire Certificates

**B1** 4

**EN 13773** 12

**IMO** 14

**NFPA** 16

**BS 5867 Part 2 B** 17

**Classe UNO** 21

## 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<sup>2</sup>)



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



United Kingdom



+44 1422 833835



uksales@jcjoel.com



United Arab Emirates



+971 4 884 7801



menasales@jcjoel.com

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	IFR
	Fire Certification	B1, EN 13773, IMO, NFPA, BS 5867 Part 2 B, Classe UNO
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Polyester/Acrylic BlackoutCoating
	Construction of Fabric	Knitted Face Fabric with Acrylic Coated Backing
Chemicals	Surface Treatments	N/A
	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	Inherently Flame Retardant to BS5867 Part 2 Type B, B1, IMO and EN13773, NFPA 701 1+2, Class Uno. This means that the man-made fibres are flame retardant for life and if wet, would not need to be re-flameproofed. Therefore, the cloth will withstand wet cleaning. This fabric is not pre-shrunk. Cool Wash at 30 degrees ( Dimensional Stability to washing +/- 2% , Do not Bleach, Do not Tumble Dry, Do not Iron, Do not Dry Clean. We would suggest that the curtain be soft-brushed in the direction of the pile on a regular basis and periodically cleaned using a vacuum and drapery attachment.
	Laundering Treatment	 Do Not Dry Clean  Cool Wash Only on a short cycle  Do Not Bleach  Do Not Iron  Do Not Tumble Dry
Notes		



Fire Rating:  
IFR



Approx Roll Length:  
25m/82ft



Width:  
140cm/55"



Weight:  
460 g/m<sup>2</sup>



Fire Certification:  
B1, EN 13773, IMO,  
NFPA, BS 5867 Part 2  
B, Classe UNO



Colour  
Available  
26

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

**J&C Joel**   
Inspiration in every performance

## Prüfinstitut Hoch

Lerchenweg 1  
D-97650 Fladungen  
Tel.: int - 49 - 9778-7480-200  
hoch.fladungen@t-online.de

www.reaction-to-fire.de



Test laboratory for the fire behavior of building materials, Dipl.-Ing. (FH) Andreas Hoch  
Testing, supervising and certifying body, authorized by the building supervision authority

## TEST REPORT PZ-Hoch-250028

for the proof of Fire behaviour according to DIN 4102, part 1  
Translation of the German test report – no guarantee for translation of technical terms

company

**description of samples** -fabric consisting of 100% polyester, with blackout coating-  
colour: beige / white

**name of the material**

**sampling** by the company itself

**content of request** Proof of flammability to classify building materials to class B1  
"schwerentflammbar" according to DIN 4102, part 1

**validity of test report** 31.12.2029

**result** **The examined product meets the requirements of class B1 for  
"schwerentflammbare" (hardly flammable) building materials  
according to DIN 4102, part 1 (May 1998), suspended freely or  
with distance of >40 mm to same or other plain materials.**

This test report includes 4 pages and 4 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer 1, there is no need for a general building supervisory test report.

This test report is not valid if the examined building material is used as product in the meaning of state building prescriptions (MBO § 17, Abs. 3).

This test report does not replace an eventually necessary proof of applicability concerning building supervisory or building laws in the meaning of state building prescriptions. This has to be verified by:

- "allgemeine bauaufsichtliche Zulassung" (general building inspectorate approval) or by
- "allgemeines bauaufsichtliches Prüfzeugnis" (general building inspectorate certificate) or by
- "Zustimmung im Einzelfall" (exceptional approval)

This test report can underlie building supervisory procedures

- for regular building products for the prescribed proofs of conformity
- for non-regular building products for the needed proofs of applicability.

This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.

Prüf-Institut  
member of   
notified body no.: 1508

By the DAkkS according to DIN EN ISO/IEC 17025 accredited test laboratory.  
The accreditation is valid for the testing methods specified in the certificate.



 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)



# Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1



Prüfinstitut Hoch  
Lerchenweg 1  
D-97650 Fladungen

page 3 of 4 of the test report  
PZ-Hoch-250028

line no.	Measurement	Result with the tested specimen				Dim.
		#8613	#8614	#8615	---	
	Test number	#8613	#8614	#8615	---	
	flaming direction / side	warp / A	warp / B	weft / B	---	
	<u>Impairment of the burner by dropping or falling material:</u>					
14	Time <sup>1)</sup>	. / .	. / .	. / .	. / .	min:s
15	Final occurrence of burning at the specimen <sup>1)</sup>	1:15	0:50	0:40	. / .	min:s
16	Time of eventually end of test <sup>1)</sup>	. / .	. / .	. / .	. / .	min:s
	<u>After flame after end of test</u>					
17	Time <sup>1)</sup>	. / .	. / .	. / .	. / .	min:s
18	Number of specimen	. / .	. / .	. / .	. / .	
19	Front side of specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
20	Back side of specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
21	flame length	. / .	. / .	. / .	. / .	cm
	<u>Afterglow after end of test</u>					
22	Time <sup>1)</sup>	. / .	. / .	. / .	. / .	min:s
23	Number of specimen	. / .	. / .	. / .	. / .	
	<u>Place of appearance</u>					
24	Lower half of the specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
25	Upper half of the specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
26	Front side of specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
27	Back side of specimen <sup>2)</sup>	. / .	. / .	. / .	. / .	
	<u>Density of smoke</u>					
28	≤ 400 % * min	40	43	22	---	% * min
29	> 400 % * min <sup>4)</sup>	. / .	. / .	. / .	. / .	% * min
30	Diagram: encl. no.	1	2	3	---	
	<u>Residual lengths: individual value <sup>3)</sup></u>					
31	Specimen 1	62	60	61	---	cm
	Specimen 2	64	61	57	---	cm
	Specimen 3	60	62	60	---	cm
	Specimen 4	55	61	58	---	cm
32	<u>Average value, individual test <sup>3)</sup></u>	60	61	59	---	
33	Photo of specimen in enclosure no.	1	2	3	---	
	<u>Flue gas temperature</u>					
34	Maximum of average value	118	115	113	---	°C
35	Time <sup>1)</sup>	09:58	10:00	09:58	---	min:s
36	Diagram: encl. no.	1	2	3	---	
37	Remarks: - none -					

<sup>1)</sup> indication of times: from the begin of testing procedure <sup>2)</sup> checked off if applicable

<sup>3)</sup> indication of carrier/foam layer separated in case of fire-proofing agents

<sup>4)</sup> very strong development of smoke

FD-04-F800-001-Rev01

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

**J&C Joel**   
Inspiration in every performance



Prüfinstitut Hoch  
Lerchenweg 1  
D-97650 Fladungen

page 4 of 4 of the test report  
PZ-Hoch-250028

## 6. Explanations concerning the testing procedure

There were no additional tests proceeded because of the residual length of more than 45 cm.

## 7. Summary of results and additional establishments to Fire Behaviour

lineno.	measurement test-no.	Result with the tested specimen				dimen sion
		#8613 warp / A	#8614 warp / B	#8615 weft / B	---	
1	residual length	60	61	59	---	cm
2	max. smoke temperature	118	115	113	---	°C
3	density of smoke - integral	40	43	22	---	%min
4	remarks: -none-					

According to DIN 4102, part 1, "schwerentflammbare" (hardly flammable) building materials must meet the requirements of class B2.

Pursuant to additional tests in the ignitability apparatus this can be determined (appendix 4).

## 8. Special remarks

- This report is only valid for the material as described under paragraph 1. In combination with other materials or with additional coatings or grounds etc. the burning behaviour may differ.
- This test report is not valid for the exposure to outdoor climate conditions, washing or cleaning with chemicals.
- This test report is not valid, as soon as the fabric is used as a building product in the sense of the "Landesbauordnungen" (state building requirements, MBO § 17, par. 3).
- This test report is no substitute for a General Building Inspectorate Certificate.
- This test report is granted without prejudice to the rights of third parties, in particular private proprietary rights.
- For legal interests only the German original version is relevant.
- In General Building Inspectorates procedures this test report can be based for
  - regular building materials for the required proof of accordance
  - for not regular building materials for the required proof of applicability

## 9. Validity

This test report is valid until the mentioned date on page 1. The test report becomes invalid in case the standards on which the tests are based are changed.

Fladungen, 15.01.2025

clerk in charge:

(Dipl.-Ing. (FH) Jürgen Hammer)



Head of the test laboratory:

(Dipl.-Ing.(FH) Andreas Hoch)

PZ-Hoch-250028 eng Rev01

 United Kingdom

 +44 1422 833835

 uksales@jcjoel.com

 United Arab Emirates

 +971 4 884 7801

 menasales@jcjoel.com

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

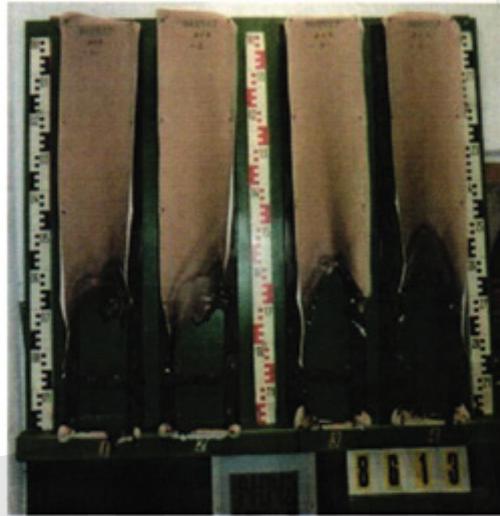
**J&C Joel**   
Inspiration in every performance



Prüfinstitut Hoch  
Lerchenweg 1  
D-97650 Fladungen

enclosure 1 test report  
PZ-Hoch-250028

„Brandschacht“-test #8613

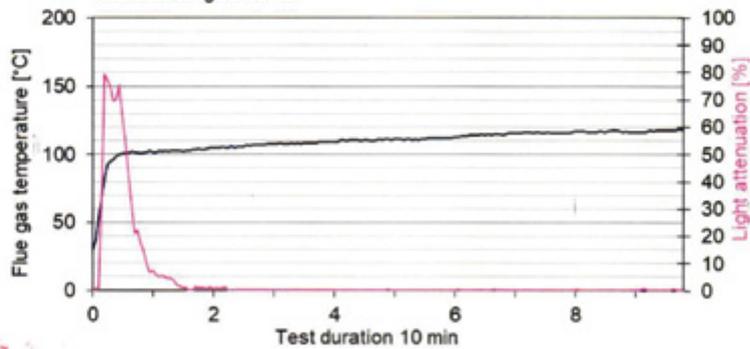


### measurement

#8613, PN40507: A+K

Max. flue temperature: 118°C, Smoke density integral: 40%min

Residual length: 60 cm



PKB-08-PR28-ang-Rev01

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

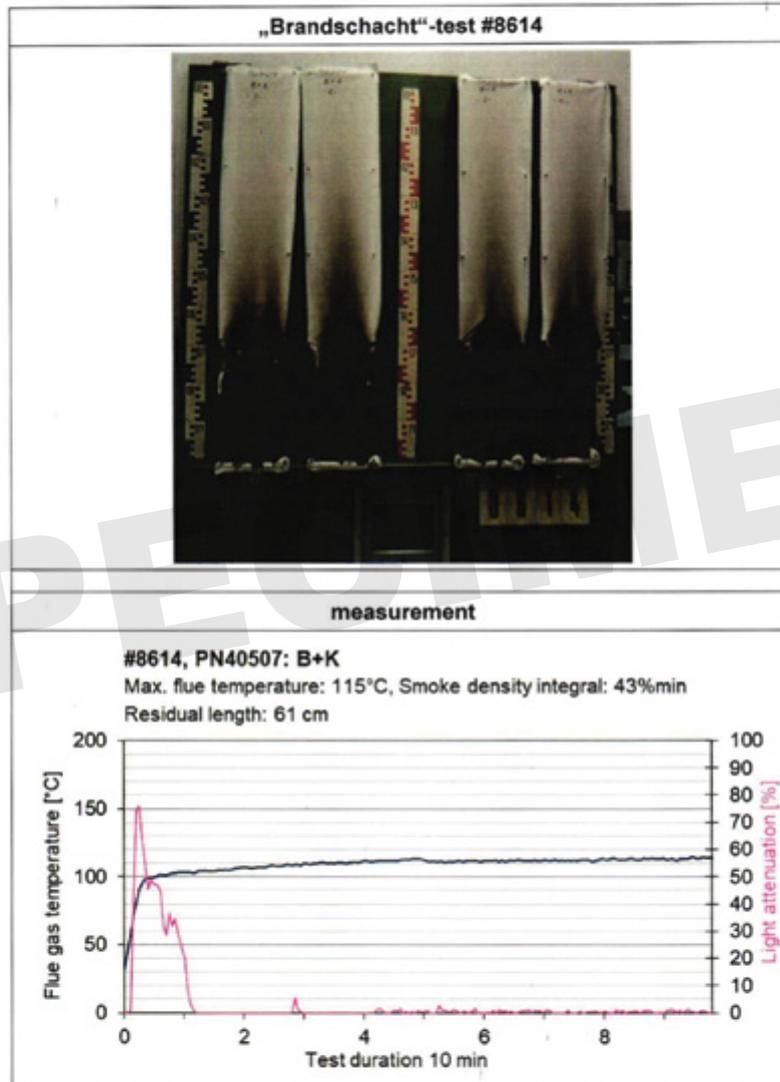
Type: B1

**J&C Joel**   
Inspiration in every performance



Prüfinstitut Hoch  
Lerchenweg 1  
D-97650 Fladungen

enclosure 2 test report  
PZ-Hoch-250028



Prüf-Nr. F2024 eng Rev01

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

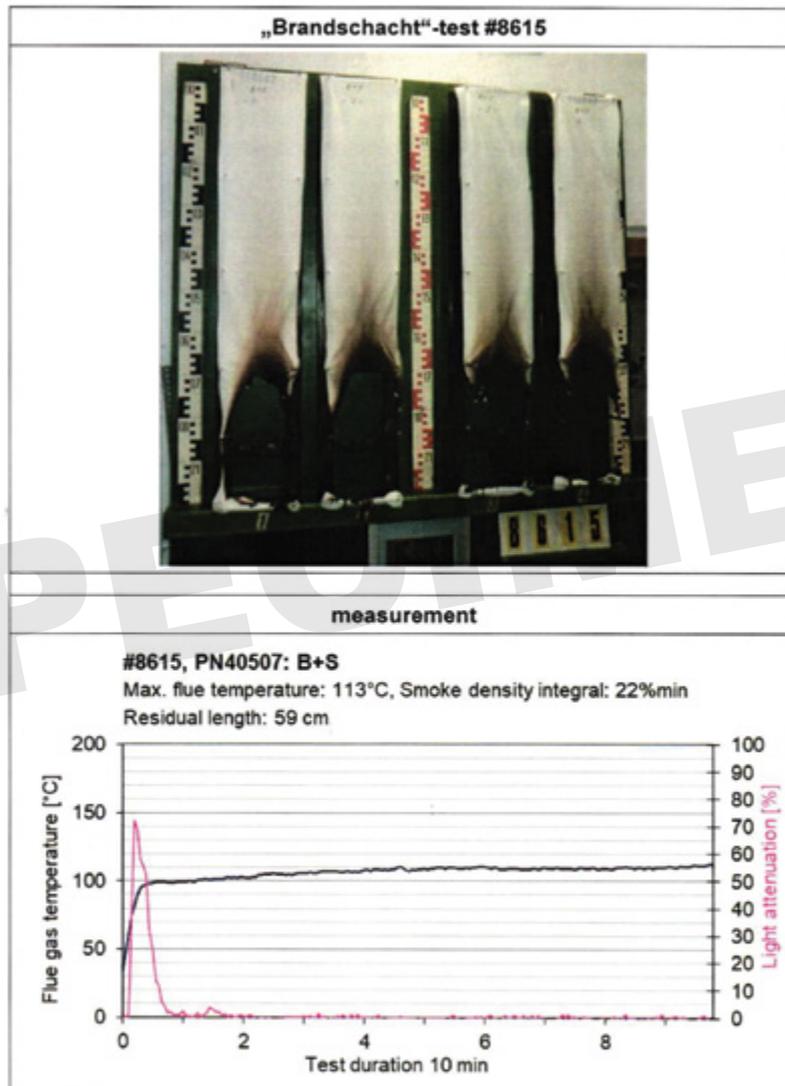
Type: B1

**J&C Joel**   
Inspiration in every performance



Prüfinstitut Hoch  
Lerchenweg 1  
D-97650 Fladungen

enclosure 3 test report  
PZ-Hoch-250028



PRÜF-CERTIFIKAT

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1



**Prüfinstitut Hoch**  
Lerchenweg 1  
D-97650 Fladungen

enclosure 4 to test report  
PZ-Hoch-250028

**Test for normal flammability  
classifying B2 according to DIN 4102**

1. Description of test material in condition as delivered look at page 2

2. Preparation of samples

Out of the material there have been cut samples for the ignitability apparatus.  
The samples were kept in a climate 23/50 until they reached constant weight.

3. Arrangement of samples -freely suspended-

Flaming in warp and weft direction / Flaming side A and side B

4. Date of test CW 50 in 2024

5. Results

PN 40507: flaming side B in warp samples no.	edge-test						surface-test						Dim
	1	2	3	4	5	6	1	2	3	4	5	6	
ignition <sup>1)</sup>	1	1	1	1	1	--	4	--	--	--	--	--	s
reaching the mark of measurement <sup>1)2)</sup>	J.	J.	J.	J.	J.	--	J.	--	--	--	--	--	S
max. flame height	13	11	12	13	13	--	12	--	--	--	--	--	cm
time	12	12	13	14	14	--	15	--	--	--	--	--	
self cessation of the flames end of afterflame <sup>1)</sup>	15	15	15	15	15	--	15	--	--	--	--	--	s
end of glowing <sup>1)</sup>	22	27	28	32	26	--	18	--	--	--	--	--	s
flames were extinguished after <sup>1)</sup> smoke development (visual)	J.	J.	J.	J.	J.	--	J.	--	--	--	--	--	s
dropping of burning material during 20 s <sup>1)</sup>	J.	J.	J.	J.	J.	--	J.	--	--	--	--	--	s
Appearance after test: burned out till max. height 15cm x width 5cm													

PN 40507: additional tests samples no.	edge-test						surface-test						Dim
	1	2	3	4	5	6	1	2	3	4	5	6	
arrangement of samples side / direction	A/K	A/S	B/S	--	--	--	A/K	A/S	B/S	--	--	--	
ignition <sup>1)</sup>	1	1	1	--	--	--	5	5	4	--	--	--	s
reaching the mark of measurement <sup>1)2)</sup>	J.	J.	J.	--	--	--	J.	J.	J.	--	--	--	s
max. flame height	13	13	13	--	--	--	10	10	11	--	--	--	cm
time	12	12	12	--	--	--	15	15	15	--	--	--	
self cessation of the flames end of afterflame <sup>1)</sup>	15	15	15	--	--	--	15	27	15	--	--	--	s
end of glowing <sup>1)</sup>	28	27	20	--	--	--	J.	J.	18	--	--	--	s
flames were extinguished after <sup>1)</sup> smoke development (visual)	J.	J.	J.	--	--	--	J.	J.	J.	--	--	--	s
dropping of burning material during 20 s <sup>1)</sup>	J.	J.	J.	--	--	--	J.	J.	J.	--	--	--	s
Appearance after test: burned out till max. height 15 cm x width 5 cm													

<sup>1)</sup> time mentioned from the beginning of the test <sup>2)</sup> during 20 Sec -/- no appearance -- no information

K: warp / S: weft

6. Remarks and explanations to the testing procedure - none -

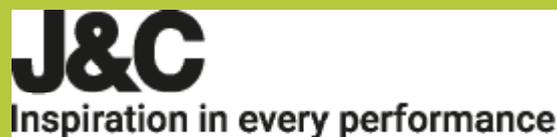
7. Opinion concerning the dropping of burning material

The test for normal flammability shows no burning dripping material.

FD 04-F201 eng Rev01

# Fire Test Certificate - Specimen

Fabric: Embrace  
Type: EN 13773



## FLAMMABILITY TEST CERTIFICATE – 105876

DATE RECEIVED: 21/03/2023  
DATE TESTED: 28/03/2023  
DATE ISSUED: 29/03/2023  
PO NUMBER: P42165

SAMPLE DESCRIPTION: 6741 6742 SENSATION  
COLOUR: IVORY  
QUALITY/BATCH REF: NOT STATED  
COMPOSITION: 100% POLYESTER WITH ACRYLIC BACKCOAT  
MODEL NO: NOT STATED  
SAMPLE END USE: BLACKOUT DRAPERY  
MANUFACTURER: NOT STATED  
SUPPLIER/BUYER: NOT STATED

### REQUIREMENT/CLASSIFICATION:

BS EN 13773: 2003 – Textiles and textile products – Burning behaviour – Curtains and drapes classification scheme

### TEST METHODS:

BS EN 1101: 1996 – Burning behaviour of curtains & drapes. Detailed procedure to determine the ignitibility of vertically orientated specimens (Small flame)

BS EN 13772: 2011 – Textiles and textile products – Burning behaviour – Curtains & Drapes – Measurement of flame spread of vertically oriented specimens with large ignition source

### PRE-TREATMENT:

The sample had not been subjected to any cleansing procedure prior to testing.

### CONDITIONING:

The sample was conditioned for at least 24 hrs in a specified atmosphere at  $20 \pm 2^{\circ}\text{C}$  and  $65 \pm 5\%$  r h.

Authorised By:

Zeb Alam  
Operations Director

Mark Jones  
General Manager

Karen Brooks  
Managing Director

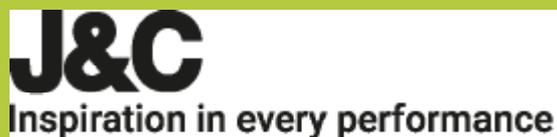
The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked\* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty  $U_k=2$  (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is  $\leq 5\%$ . Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: [technical@ifs-labs.com](mailto:technical@ifs-labs.com)



2513

# Fire Test Certificate - Specimen

Fabric: Embrace  
Type: EN 13773



## FLAMMABILITY TEST CERTIFICATE – 105876

TEST RESULTS: BS EN 1101: 1996

TEST NUMBER	FLAME APPLICATION TIME	RESULT	TEST NUMBER	FLAME APPLICATION TIME	RESULT
1	1s	No-Ignition	7	15s	No-Ignition
2	2s	No-Ignition	8	20s	No-Ignition
3	3s	No-Ignition	9	20s	No-Ignition
4	4s	No-Ignition	10	20s	No-Ignition
5	5s	No-Ignition	11	20s	No-Ignition
6	10s	No-Ignition	12	20s	No-Ignition

TEST RESULTS: BS EN 13772: 2011

Test Criteria	A	B	B	B	A	B	B	B
Specimen Direction:	↑	↑	↑	↑	→	→	→	→
Application Time:	10	10	10	10	10	10	10	10
Flaming Duration: (seconds)	10	11	9	12	32	28	26	30
1 <sup>st</sup> Marker thread Severed?	NO							
3 <sup>rd</sup> Marker thread Severed?	NO							
Flaming Debris	NO							
Damage Length: (mm)	132	150	145	147	135	138	132	135
Result	CLASS 1							

### CLASSIFICATION

CLASS	IGNITIBILITY	FLAME SPREAD
1	Non Ignition according to EN 1101	1 <sup>st</sup> Marker thread not severed, no flaming debris, according to EN 13772
2	Non Ignition according to EN 1101	3 <sup>rd</sup> Marker thread not severed, no flaming debris, according to EN 13772
3	Non Ignition according to EN 1101	3 <sup>rd</sup> Marker thread severed, and/or flaming debris, according to EN 13772
4	Ignition according to EN 1101	3 <sup>rd</sup> Marker threads not severed, and no flaming debris, according to EN 1102
5	Ignition according to EN 1101	3 <sup>rd</sup> Marker threads severed, and/or flaming debris, according to EN 1102

### CONCLUSION:

The sample supplied has achieved a **CLASS 1** in accordance with BS EN 13773: 2003

The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked\* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty  $U_k=2$  (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as 'Pass'. The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is  $\leq 5\%$ . Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: [technical@ifs-labs.com](mailto:technical@ifs-labs.com)



2513

END OF REPORT

United Kingdom

+44 1422 833835

[uksales@jcjoel.com](mailto:uksales@jcjoel.com)

United Arab Emirates

+971 4 884 7801

[menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: IMO

**J&C Joel**   
Inspiration in every performance

**intertek**  
Total Quality. Assured.

Intertek  
The Warehouse  
Brewery Lane  
Leigh WN7 2RJ  
UK

Tel +44 1942 265 700  
consumergoods.uk@intertek.com  
intertek.com

## FLAMMABILITY TEST REPORT

Report No.: LEI20060411A      Date Received: 08/06/20      Date Tested: 10/06/20      Date Issued: 10/06/20

Company Name & Address:

Contact Name:

### Sample Details

Order No.: P30520  
Description: Decorative Velvet blackout fabric  
Article:  
Ref. / Style No.: Not stated  
Colour: Blush  
Quality: 6742/279  
Colour: Not stated  
Supplier: Not stated  
Batch No.: C58692  
End Use: Curtaining  
Quoted Fibre Composition: 100 Polyester with Acrylic Back coating  
Retailer: Not stated  
Buying Division: Not stated  
Sample Description: Pink coloured woven fabric with pile and white coloured backing

Test Method	Pre Treatment	Performance Requirement	Result
IMO FTP Code (2010) Annex 1, Part 7: Test for Vertically Orientated Support Textiles and Films	None – The scope states that “fabrics which are not inherently flame resistant should be exposed to cleaning or exposure procedures”	IMO FTP Code (2010) Annex 1, Part 7, Clause 3	PASS

Note: The fabric supplied was tested with no pre-treatments at the request of the customer.  
Please note: The testing was carried out in the ISO 6941 environment

.....  
**STEVEN OWEN**  
(Technical & Operational  
Excellence Manager)

  
.....  
**ANDREW HALLETT**  
(Flammability Team Leader)

.....  
**CAROLE SPOWART**  
(Flammability  
Administrator)

.....  
**GREGORY JAMES**  
(Flammability Technician)

Report No.: LEI20060411A Page 1 of 2

ITS Testing Services (UK) Ltd  
Registered in England No. 1408264. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ



 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: IMO

**J&C Joel**   
Inspiration in every performance

**intertek**  
Total Quality. Assured.

Intertek  
The Warehouse  
Brewery Lane  
Leigh WN7 2RJ  
UK

Tel +44 1942 265 700  
consumergoods.uk@intertek.com  
intertek.com

## FLAMMABILITY TEST REPORT

### Additional Information (Annex)

Name and Address of the Sponsor: Not Stated  
Name and Address of the Manufacturer/Supplier (if known):  
Type of Furniture: Not Stated  
Fabric Details - Weave/Density/Yarn count/thickness(mm)/mass(g/m<sup>2</sup>) Colour & Tone: Not Stated  
Fire Retardant Treatment: No

### Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7  
Ignition Source: 40mm high Propane gas flame  
Ignition Type: Face ignition (as determined by the pre-test)  
Flame Application Time: 15 seconds (as determined by the pre-test)  
Sample Size: 220 x 170mm  
Side Tested: Face

### Pre-treatment / Durability Procedure

None - At the request of the customer.

### Conditioning

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 20±5°C and relative humidity of 65±5%  
At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 65%

### Test Results

Report of tests carried out in accordance IMO FTP Code (2010) Annex 1, Part 7.

*"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."*

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)		Average Damage Length (mm)
						Horizontal	Vertical	
1. Length ↑	0.0	0.0	No	No	No	22	113	105.0
2. Length ↓	0.0	0.0	No	No	No	27	132	
3. Length ↑	0.0	0.0	No	No	No	23	125	
4. Length ↓	0.0	0.0	No	No	No	22	130	
5. Length ↑	0.0	0.0	No	No	No	24	125	
6. Width →	0.0	0.0	No	No	No	24	125	103.6
7. Width ←	0.0	0.0	No	No	No	23	110	
8. Width →	0.0	0.0	No	No	No	23	125	
9. Width ←	0.0	0.0	No	No	No	22	130	
10. Width →	0.0	0.0	No	No	No	23	98	

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.

Report No.: LEI20060411A Page 2 of 2

ITS Testing Services (UK) Ltd  
Registered in England No. 1408264. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ



United Kingdom



+44 1422 833835



uksales@jcjoel.com



United Arab Emirates



+971 4 884 7801



menasales@jcjoel.com

www.jcjoel.com

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: NFPA

**J&C Joel**   
Inspiration in every performance



June 30, 2025

Reference: Laboratory Test Report  
Lab Identification No. 64777  
Invoice No. 96095

Dear Mr. Topen:

One (1) fabric sample, identified as \_\_\_\_\_, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2023 Edition, (Test 2, Folds Configuration)". The results are as follows:

### Test Results

Specimen Number	After Flame (sec)	Residual Flame (sec)	Char Length (in)
1	0.0	0.0	11.1
2	0.0	0.0	12.8
3	0.0	0.0	13.0
4	0.0	0.0	11.8

The fabric sample submitted **meets** the minimum requirements of the above standard. The length of char on the individual folded specimens shall not exceed 41.3 inches. Additionally, no specimen shall continue flaming for more than two (2) seconds after the test flame is removed and no residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

Sincerely,

Brian S. Dement

BSD/mr



THIS LETTER AND GRAPHIC ARE FOR THE USE OF THE CLIENTS OF THE DIVISION TO WHICH THEY ARE ADDRESSED AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF J&C JOEL. APPROVAL OF OUR TEST RESULTS APPLIES ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, UNLESS OTHERWISE SPECIFIED. A DIVISION OF J&C JOEL, INC. SAMPLES MUST BE IDENTIFIED AND PROPERLY STORED AND HANDLED TO PREVENT ANY DAMAGE TO THE SAMPLES. THE DIVISIONS OF J&C JOEL, INC. ARE NOT RESPONSIBLE FOR THE REPRODUCTION OF THIS LETTER OR GRAPHIC IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF J&C JOEL, INC. THIS LETTER AND GRAPHIC ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF J&C JOEL, INC.

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

**J&C Joel**   
Inspiration in every performance



TEST REPORT NO: 190330

Date: 09 August 2023

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Retailer	Not Specified
Retailer style number	CREAM / WHITE
Retailer Standard Number	BLACKOUT DRAPERY
Order No./ Buyer	P43087
Quality/Fibre Composition	100% POLYESTER WITH ACRYLIC BACKCOATING
Date Sample Received/Test Started:	02 August 2023

Tests	Pass	Fail	Remarks
BS 5867 Part 2 Type B			See results

(\*could pass/fail if UOM is taken into account)  
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature

M. Harrison Laboratory Manager

For and on behalf of  
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for administrative documents, subject to the Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any misuse of this document is notified that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility to the Client and this document does not acknowledge parties to a transaction from ascertaining their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

SGS United Kingdom Ltd | Whittle Estate, Cambridge Road, Whetstone, Leicester LE8 6JH | t +44 (0)116 284 8760 | f +44 (0)116 284 6751 | [www.sgs.com](http://www.sgs.com)

Member of the SGS Group (SGS SA)

Registered in England No. 1185665 | Registered Office: Rosemore Business Park, Elmstree Park, Chesham, CH65 9EN

Page 1 of 4

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

**J&C Joel**   
Inspiration in every performance



Customer: Test Report No: 190330

**Test Results**  
**BS 5867-2: 2008 Fabrics for curtains, drapes and window blinds**  
**Part 2: Flammability requirements - specification**  
**Type B**

Description of Test Sample: 6741 6742 fabric

**Test Request**

As requested the test specimen supplied has been tested to BS 5867- 2: 2008 type B.

**Cleansing Procedure**

All fabrics shall be tested before and after the appropriate cleansing or wetting procedure.

At the customer's request the specimen was subjected to a single wash cycle in accordance with BS EN ISO 6330, programme 3N 30°C flat dry

**Conditioning**

The test specimen was conditioned in a standard atmosphere having a temperature of  $20 \pm 2^\circ\text{C}$  and a relative humidity of  $65 \pm 5\%$  for at least 24 hours.

**Specimen Identification**

Reputed Fibre Composition – 100% Polyester with acrylic back coating

**Comments on Test Results**

The sample supplied meets the requirements of BS 5867-2: 2008 Type B in the as received state.

The sample supplied meets the requirements of BS 5867-2: 2008 Type B in the cleansed state, however as a non specified cleansing procedure has been used the results are indicative only

**Gas Used**

Propane

**Deviations from test method**

See comments regarding cleansing procedure

**Flame Application Time**

Type B – 15 Seconds

**Uncertainty of Measurement**

As there is only a definitive pass or fail (top or vertical edge reached by either the lowest boundary of any flame or any part of a hole, is a fail) there is no uncertainty.

This document is issued by the Company under its General Conditions of Service available at [www.sgs.com/terms](http://www.sgs.com/terms) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. A caution is drawn to the limitation of liability, indemnification and limitation areas defined therein. Any holder of this document is advised that the information contained herein reflects the Company's findings at the time of its intervention only and with the limits of Client's immediate liability. The Company's sole responsibility is to its Client and this document does not constitute a public liability insurance. From exercising all their rights and obligations under the business contracts. This document cannot be reproduced, except in full, without prior written approval of the Company. Any translation, alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS United Kingdom Ltd | White Estate, Cambridge Road, Wharfedale, Lelwiler, LE16 6LH | +44 (0)116 234 6780 | F +44 (0)116 234 6761 | [www.sgs.com](http://www.sgs.com)

Member of the SGS Group (SGS SA)

Registered in England No: 1192995 | Registered Office: Rosemoor Business Park, Elymore Park, Chesham, CH65 3EN

Page 2 of 4

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

**J&C Joel**   
Inspiration in every performance



Customer:

Test Report No:

190330

## Test Results

### Results

Results may not apply to situations where there is restricted air supply or exposure to large sources of intense heat.

### As Received

Criteria	Length			Width		
	1	2	3	1	2	3
Hole reaching top edge	No	No	No	No	No	No
Hole reaching side edge	No	No	No	No	No	No
Flaming reaching top edge	No	No	No	No	No	No
Flaming reaching side edge	No	No	No	No	No	No
Flaming Debris	No	No	No	No	No	No
Result	Pass	Pass	Pass	Pass	Pass	Pass

### After Cleansing Procedure

Criteria	Length			Width		
	1	2	3	1	2	3
Hole reaching top edge	No	No	No	No	No	No
Hole reaching side edge	No	No	No	No	No	No
Flaming reaching top edge	No	No	No	No	No	No
Flaming reaching side edge	No	No	No	No	No	No
Flaming Debris	No	No	No	No	No	No
Result	Pass	Pass	Pass	Pass	Pass	Pass

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms](http://www.sgs.com/terms) and, in addition, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction clause defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute proof of a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced, copied, in full, without prior written approval of the Company. Any use that not in full compliance with the terms of the contract or appearance of this document in unlawful and offenders may be prosecuted to the fullest extent of the law. In case of any claim the results shown in this test report will only be for sample(s) tested and such sample(s) are retained for 90 days only.

SGS United Kingdom Ltd | White Friars, Cambridge Road, Wellesbourne, Leicestershire, LE8 6UH | +44 (0)116 284 6780 | +44 (0)116 284 6781 | [www.sgs.com](http://www.sgs.com)

Member of the SGS Group (SGS SA)

Registered in England No: 1193855 | Registered Office: Rossmore Business Park, Etkemere Park, Cheshire, CH85 1EN

Page 3 of 4

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

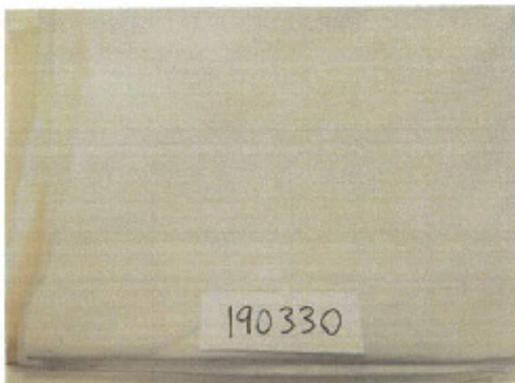
**J&C Joel**   
Inspiration in every performance



Customer:

Test Report No: 190330

## Test Results



End of Report

**SPECIMEN**

This document is issued by the Company under its General Conditions of Service accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and you have been sent the electronic format document, subject to Terms and Conditions for Electronic Documents at [http://www.sgs.com/en/Forms\\_and\\_Conditions.aspx](http://www.sgs.com/en/Forms_and_Conditions.aspx). Attention is drawn to the limitation of liability, indemnification and jurisdiction clauses defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its issuance and only within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute part of the transaction in which it is used. All other rights and obligations under the transaction remain unaffected. This document cannot be reproduced, copied, in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SGS United Kingdom Ltd | Whittle Estate, Cambridge Road, Whetstone, Leicestershire LE8 6LH | t +44 (0)116 264 6780 | f +44 (0)116 264 6781 | [www.sgs.com](http://www.sgs.com)

Member of the SGS Group / SGS SA

Registered in England No: 1191986 | Registered Office: Rosemore Business Park, Elmham Park, Chesham, Chesham, Bucks HP85 3EN

Page 4 of 4

 United Kingdom

 +44 1422 833835

 [uksales@jcjoel.com](mailto:uksales@jcjoel.com)

 United Arab Emirates

 +971 4 884 7801

 [menasales@jcjoel.com](mailto:menasales@jcjoel.com)

[www.jcjoel.com](http://www.jcjoel.com)

# Fire Test Certificate - Specimen

Fabric: Embrace  
Type: Classe Uno

**J&C Joel**   
Inspiration in every performance



VISTO il Decreto Ministeriale 26 giugno 1984 concernente "Classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi";

VISTI il Decreto Ministeriale 03 Settembre 2001, recante "Modifiche ed integrazioni al Decreto 26 giugno 1984 concernente classificazione di reazione al fuoco ed omologazione ai fini della prevenzione incendi" e il Decreto Ministeriale 28 maggio 2002 recante rettifiche al decreto medesimo;

VISTA l'istanza presentata dalla ditta

denominato \_\_\_\_\_ produttrice del materiale  
per ottenere l'omologazione del materiale stesso ai fini della  
prevenzione incendi;

VISTO il certificato di reazione al fuoco n. 7567 del 06/03/2020 emesso per il predetto materiale dal Laboratorio LA.P.I. S.p.A. di Prato (PO);

VISTA la scheda tecnica, allegata al predetto certificato, prodotta dalla ditta

SI OMOLOGA

con il numero di codice EUGB1049D10D100038, il prototipo del materiale denominato \_\_\_\_\_ prodotto dalla ditta

ai soli fini della prevenzione incendi, nella CLASSE di REAZIONE al FUOCO 1 (UNO) e se ne AUTORIZZA la riproduzione, ai sensi dei decreti ministeriali citati in premessa, conformemente a tutte le caratteristiche apparenti e non apparenti, nonché a quelle dichiarate dalla predetta ditta nella scheda tecnica parimenti citata in premessa.

Sul marchio o sulla dichiarazione di conformità, da allegarsi ad ogni tipo di fornitura del materiale oggetto della presente omologazione, dovranno essere riportati:

- NOME DEL PRODUTTORE;
- ANNO DI PRODUZIONE (da indicarsi);
- CLASSE DI REAZIONE AL FUOCO: 1 (UNO);
- CODICE: EUGB1049D10D100038;
- POSA IN OPERA: SOSPESO SUSCETTIBILE DI PRENDERE FUOCO SU AMBO LE FACCE;
- IMPIEGO: SIPARI DRAPPEGGI TENDAGGI;
- MANUTENZIONE: METODO "D" COME DA UNI 9176 (1998).

Si richiamano tutti gli obblighi di legge spettanti al produttore e a tutti i soggetti comunque interessati, a norma del Codice Civile, del Codice Penale e dei decreti ministeriali 26 giugno 1984 e 3 settembre 2001.

Il presente atto, ad eccezione dei casi di decadenza e revoca dell'omologazione previsti dall'art. 9, punti 2 e 3, del D.M. 26/6/84, ha una validità di 5 anni dalla data di rilascio ed è rinnovabile alla sua scadenza.

Roma, 12 OTT 2020

IL DIRETTORE CENTRALE  
(CAVRIANI)

Firmato in forma digitale ai sensi di legge



N.B. IL PRESENTE ATTO DI OMOLOGAZIONE E' RIPRODUCIBILE UNICAMENTE NELLA SUA INTEGRALE STESURA

 United Kingdom

 +44 1422 833835

 uksales@jcjoel.com

 United Arab Emirates

 +971 4 884 7801

 menasales@jcjoel.com

[www.jcjoel.com](http://www.jcjoel.com)



United Kingdom



+44 1422 833835



uksales@jcjoel.com



United Arab Emirates



+971 4 884 7801



menasales@jcjoel.com

[www.jcjoel.com](http://www.jcjoel.com)