

Embrace

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



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Composition and Care

280cm 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/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	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:
280cm/110"



Weight:
460 g/m²



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



Colour
Available
26



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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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.

ISO 9001:2015
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.



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1



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page 2 of 4 of the test report
PZ-Hoch-250028

1. Description of test material in condition as delivered

PN 40507: colour: beige / white
-fabric consisting of 100% polyester, with blackout coating-
side A: beige, smooth / side B: white, coated
characteristic values determined by the test laboratory:
area weight: about 429g/m² thickness: about 1,20mm

The testing laboratory is not provided with further details concerning composition of the tested building materials. Samples are deposited.

2. Preparation of samples

The samples were kept in climate chamber 23/50 until they reached constant weight.

3. Arrangement of samples mounting: freely suspended

#8613: flaming side A in warp direction
#8614: flaming side B in warp direction
#8615: flaming side B in weft direction

4. Date of test CW 50 in 2024

5. Results The test has been examined according to DIN 4102 (Mai 1998)

line no.	Measurement	Result with the tested specimen				Dim.
	Test number	#8613	#8614	#8615	---	
	flaming direction / side	warp / A	warp / B	weft / B	---	
1	Number of specimen arrangement acc. to. DIN 4102/T15. schedule 1	1	1	1	---	
2	Maximum flame height above bottom edge of the specimen	40	40	40		cm
3	Time ¹⁾	0:07	0:07	0:07	---	min:s
4	Burn through / melting Time ¹⁾	0:07	0:06	0:06	---	min:s
	Observations on the back side of the specimen					
5	Flames / Glowing Time ¹⁾	---	---	---	J.	min:s
6	Change of colour Time ¹⁾	J.	J.	J.	J.	min:s
7	Falling of burning droplets Start ¹⁾	J.	J.	J.	J.	min:s
8	Extent	J.	J.	J.	J.	
9	sporadic falling of burning droplets ²⁾	J.	J.	J.	J.	min:s
10	continuous falling of burning droplets ²⁾	J.	J.	J.	J.	min:s
11	Falling of burning droplets Start ¹⁾	J.	J.	J.	J.	min:s
12	Extent	J.	J.	J.	J.	
13	sporadic falling of burning droplets ²⁾	J.	J.	J.	J.	min:s
	continuous falling of burning droplets ²⁾	J.	J.	J.	J.	min:s
	After flame time at the bottom of the sieve (max.)	J.	J.	J.	J.	min:s

102-04-PR-18-01-g-RenC1



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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

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

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

⁴⁾ very strong development of smoke

PZ-04-F300-engl-Rv01



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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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-04/2025 eng Rev01



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

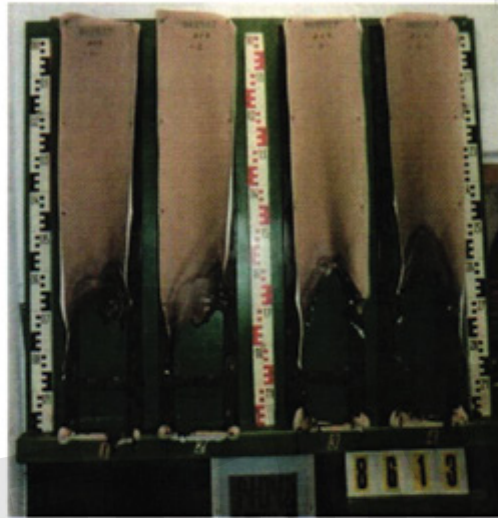
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enclosure 1 test report
PZ-Hoch-250028

„Brandschacht“-test #8613

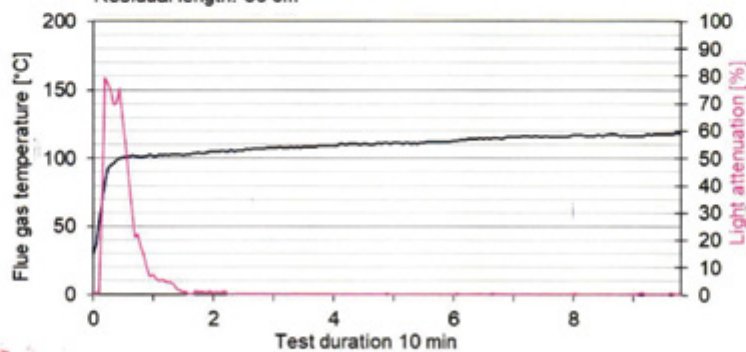


measurement

#8613, PN40507: A+K

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

Residual length: 60 cm



Prüfbericht PZ-Hoch-250028



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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enclosure 2 test report
PZ-Hoch-250028

„Brandschacht“-test #8614

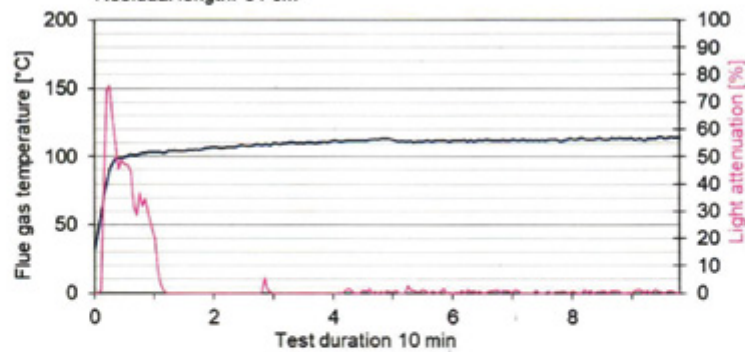


measurement

#8614, PN40507: B+K

Max. flue temperature: 115°C, Smoke density integral: 43%min

Residual length: 61 cm



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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enclosure 3 test report
PZ-Hoch-250028

„Brandschacht“-test #8615

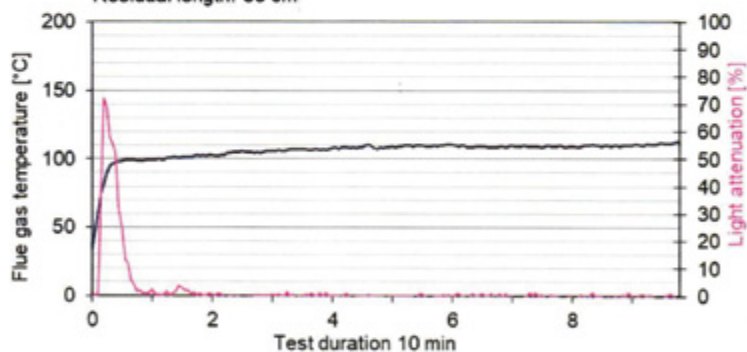


measurement

#8615, PN40507: B+S

Max. flue temperature: 113°C, Smoke density integral: 22%/min

Residual length: 59 cm



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: B1

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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 ¹⁾	1	1	1	1	1	--	4	--	--	--	--	--	s
reaching the mark of measurement ¹⁾⁽²⁾	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 ¹⁾	15	15	15	15	15	--	15	--	--	--	--	--	s
end of glowing ¹⁾	22	27	28	32	26	--	18	--	--	--	--	--	s
flames were extinguished after ¹⁾	J.	J.	J.	J.	J.	--	J.	--	--	--	--	--	s
smoke development (visual)	heavy						moderate						
dropping of burning material during 20 s ¹⁾	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 ¹⁾	1	1	1	--	--	--	5	5	4	--	--	--	s
reaching the mark of measurement ¹⁾⁽²⁾	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 ¹⁾	15	15	15	--	--	--	15	27	15	--	--	--	s
end of glowing ¹⁾	28	27	20	--	--	--	J.	J.	18	--	--	--	s
flames were extinguished after ¹⁾	J.	J.	J.	--	--	--	J.	J.	J.	--	--	--	s
smoke development (visual)	heavy						moderate						
dropping of burning material during 20 s ¹⁾	J.	J.	J.	--	--	--	J.	J.	J.	--	--	--	s
Appearance after test: burned out till max. height 15 cm x width 5 cm													

¹⁾ time mentioned from the beginning of the test ²⁾ 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.

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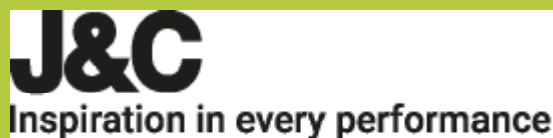


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Fire Test Certificate - Specimen

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

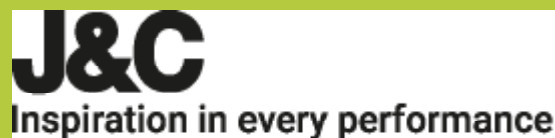
The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_k=2$ (approximately 95% confidence 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



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 st Marker thread Severed?	NO	NO	NO	NO	NO	NO	NO	NO
3 rd Marker thread Severed?	NO	NO	NO	NO	NO	NO	NO	NO
Flaming Debris	NO	NO	NO	NO	NO	NO	NO	NO
Damage Length: (mm)	132	150	145	147	135	138	132	135
Result	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 1

CLASSIFICATION

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



2513

END OF REPORT



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: IMO

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intertek
Total Quality. Assured.

Intertek
The Warehouse
Brewery Lane
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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

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Fire Test Certificate - Specimen

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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/m²) 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	

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Report No.: LEI20060411A Page 2 of 2

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Fire Test Certificate - Specimen

Fabric: Embrace

Type: NFPA

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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



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Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

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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

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)

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Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

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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.

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Type: BS5867 Part 2 Type B

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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

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Fire Test Certificate - Specimen

Fabric: Embrace

Type: BS5867 Part 2 Type B

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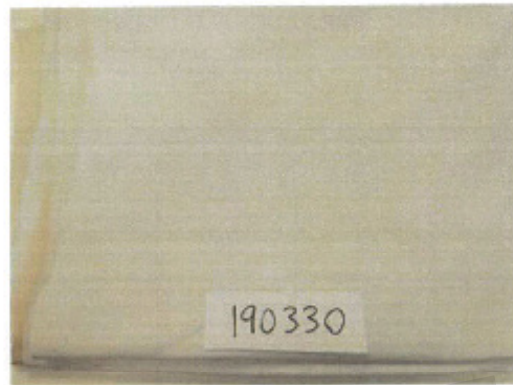
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Customer:

Test Report No: 190330

Test Results



End of Report

SPECIMEN

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Fire Test Certificate - Specimen

Fabric: Embrace
Type: Classe Uno

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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 L.A.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
prodotta 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



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