WIDE WIDTH CANVAS 4.2

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

J&C Joel

Inspiration in every performance

www.jcjoel.com

Contents

J&C Joel
Inspiration in every performance

Composition and Care

420 cm 3

Fire Certificates

BS5867 Part 2 Type B 4
B1 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/m^2)

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

www.jcjoel.com

Datasheet - Fabrics and Flooring

Wide Width Canvas 4.2

J&C Joel
Inspiration in every performance

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**	NDFR
	Fire Certification	BS5867, B1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Cotton
	Construction of Fabric	Plain Weave
Chemicals	**Surface Treatments**	Scoured, Desized, Dyed & Flameproofed
	Brand Name of Flame Retardant Chemicals	KAPP, Chemie GMBH & Co.KG
	Chemical name of Flame Retardant Chemicals	Kappaflam CFP
	Process of Flame Retardant Chemicals	Immersion
Care	**Information**	Non-Durably Flame Retardant. This means the fabric is chemically treated and if wet (in any way) should be retreated to meet the flammability requirements of BS5867 Part 2 Type B and B1. Therefore, the cloth will not withstand wet cleaning and should be re-flame proofed whenever wet. The cloth can be professionally dry cleaned using the correct chemical process. Notwithstanding the aforementioned, it would be our advice to only dry clean this material periodically. We would suggest that the curtain be soft-brushed on a regular basis and periodically cleaned using a vacuum and drapery attachment. Commerical flame retardents may alter the aesthetics, appearance, colour or performance of the textile material. This fabric is not pre-shrunk.
	Laundering Treatment	 Dry Clean Only · Do Not Wash · Do Not Bleach · Do Not Iron · Do Not Tumble Dry
Notes		

All details are accurate at the time of print but are subject to change.



Fire Rating:
NDFR



Approx Bale Length:
60m / 197ft



Width:
420cm / 165”



Weight:
300 g/m^2



Fire Certification:
BS5867, B1



Colour Available:
2

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: Wide Width Canvas 4.2
Type: BS5867 Part 2 Type B

J&C Joel
Inspiration in every performance

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: 01 August 2017

Our Ref: **53519-24**
Your Ref: -

Client:	J. & C. Joel Limited Corporation Mill Corporation Street Sowerby Bridge Halifax HX6 2QQ
Job Title:	Surface Ignition Of Curtains & Drapes (Type B)
Client's Order No:	-
Date of Receipt:	19 May 2017
Date of Test Start:	07 June 2017
Description of Sample(s):	One sample identified as follows was received for testing: Wide Width Canvas, stated to be NDFR
Work Requested:	We were asked to make the following test: BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

SPECIMEN

1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2017 Shirley Technologies Limited. All rights reserved.

Fire Test Certificate - Specimen

Fabric: Wide Width Canvas 4.2
Type: BS5867 Part 2 Type B

J&C Joel
Inspiration in every performance

BTTG
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: 01 August 2017

Our Ref: **53519-24**
Your Ref: -

J. & C. Joel Limited

Sample was identified as follows:

Wide Width Canvas, stated to be NDFR

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

Pre-Treatment
No water treatment required as the sample was stated to be non durable flame retardant.

Conditioning
The test specimens were conditioned for at least 24 hours in the standard atmosphere of 60 ± 5 % relative humidity (R.H.) and 20 ± 2 °C.

Testing
Three specimens from both length and width were tested in accordance with BS EN ISO 15025: Procedure A (surface ignition):2002. The sample was tested at 20°C and 60% relative humidity (R.H.).

Each specimen was subjected to an applied flame using propane and a 15 second flame application time. The results obtained (shown in the table below) were assessed according to the requirements of BS 5867: Part 2:2008 (2015).

Test results relate only to the sample tested.

The results for all tests are given in the table(s) on the following page(s).

Reported by:.....
J Coleman
Fire Technician

Countersigned By:.....
P Doherty
Operational Head

Enquiries concerning this report should be addressed to Customer Services.

ilac-MRA UKAS TESTING 1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2017 Shirley Technologies Limited. All rights reserved.

SPECIMEN

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: 01 August 2017

Our Ref: **53519-24**
Your Ref: -

BTTG
TESTING • CERTIFICATION • AUDITING

J. & C. Joel Limited

RESULTS

Sample Ref: Wide Width Canvas, stated to be NDFR

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

	Length			Width		
Specimen No.	**1**	**2**	**3**	**4**	**5**	**6**
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No

Requirements
Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, it the second 6 specimens all pass the result is a pass.

Result: Pass

Conclusion
The fabric meets the Type B performance requirements of BS 5867: Part 2: 2008 – the fabric must be clearly labelled `If wetted in any way it is essential to re-treat the fabric to meet flammability requirements`.

The material should be identified with the manufacturers name, trademark or other identifying mark, the statement `Flammability complies with the requirements of BS 5867: Part 2, Type B and instructions of any special precautions to be taken concerning care (including cleansing) of the curtain, drape or window blind to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS EN 23758 and taking account of the pre-treatment used in this test and the requirements of Clause 4 of BS 5867: Part 2: 2008 (2011). If the fabric is unsuitable for cleansing, this shall be stated.

Uncertainty Budget
There is no uncertainty budget associated with BS 5867: Part 2: Type B as no measurements are determined, the pass/fail criteria is assessed visually.

SPECIMEN

ilac-MRA UKAS TESTING 1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2017 Shirley Technologies Limited. All rights reserved.

Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen
Tel.: int – 49 – 9778-7480-200
hoch.fladungen@t-online.de www.reaction-to-fire.de

Hoch Fladungen

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-250301

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

SPECIMEN

description of samples	fabric consisting of Cotton, in 3 different colours
name of the material	**„CO Bühnennessel"**
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	28.02.2030
result	**The examined product meets in any colour 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 5 pages and 8 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer1, 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.

United Kingdom
+44 1422 833835
uksales@jcjoel.com

United Arab Emirates
+971 4 884 7801
menasales@jcjoel.com

www.jcjoel.com

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

1. **Description of test material in condition as delivered**

PN 40999: **"CO Bühnennessel"** colour: white
-fabric consisting of Cotton-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
area weight: about 338g/m² thickness: about 0,57 mm

PN 41000: **"CO Bühnennessel"** colour: beige
-fabric consisting of Cotton-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
area weight: about 361g/m² thickness: about 0,66 mm

PN 41001: **"CO Bühnennessel"** colour: black
-fabric consisting of Cotton-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
area weight: about 327g/m² thickness: about 0,56 mm

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

#8853	flaming side A in warp direction	black
#8889	flaming side B in weft direction	black
#8944	flaming side A in warp direction	black
#8945	flaming side A in warp direction	black
#8891	flaming side A in warp direction	beige
#8892	flaming side A in warp direction	white

4. **Date of test** CW 10 and 11 in 2025

SPECIMEN

United Kingdom
+44 1422 833835
uksales@jcjoel.com

United Arab Emirates
+971 4 884 7801
menasales@jcjoel.com

www.jcjoel.com

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

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

line no.	Measurement	Result with the tested specimen						Dim.
	Test number	#8853	#8889	#8944	#8945	#8891	#8891	
	flamed direction flamed side	warp A	weft B	warp A	warp A	warp A	warp A	
	colour of fabric	Black				beige	white	
1	Number of specimen arrangement acc. to. DIN 4102/T15, schedule 1	1	1	1	1	1	1	
2	Maximum flame height above bottom edge of the specimen	>100	>100	>100	>100	70	50	cm
3	Time [1]	0:20	0:11	0:25	0:21	0:20	0:07	min:s
4	Burn through / melting Time [1]	0:26	0:15	0:35	0:24	0:10	0:23	min:s
5	Observations on the back side of the specimen Flames / Glowing	---	---	---	---	---	---	
	Time[1]	./.	./.	./.	./.	./.	./.	min:s
6	Change of color Time [1]	---	---	---	---	---	---	
		./.	./.	./.	./.	./.	./.	min:s
7	Falling of burning droplets Start [1]	./.	./.	./.	./.	./.	./.	min:s
	Extent							
8	sporatic falling of burning droplets [2]	---	./.	./.	./.	./.	./.	
9	continuous falling of burning droplets [2]	---	./.	./.	./.	./.	./.	min:s
10	Falling of burning droplets Start [1]	./.	./.	./.	./.	./.	./.	min:s
	Extent		./.	./.	./.	./.	./.	
11	sporatic falling of burning droplets [2]	---						
12	continuous falling of burning droplets[2]	---	./.	./.	./.	./.	./.	
13	Afterflame time at the bottom of the sieve (max.)	./.	./.	./.	./.	./.	./.	min:s
14	Impairment of the burner by dropping or falling material: Time [1]	./.	./.	./.	./.	./.	./.	min:s
15	Final occurance of burning at the specimen [1]	0:50	0:50	5:00	0:55	0:40	0:23	min:s
16	Time of eventually end of test [1]	./.	./	./.	./.	./.	./.	min:s
17	Afterflame after end of test Time [1]	./.	./.	./.	./.	./.	./.	min:s
18	Number of specimen	./.	./.	./.	./.	./.	./.	
19	Front side of specimen [2]	./.	./.	./.	./.	./.	./.	
20	Back side of specimen [2]	./.	./.	./.	./.	./.	./.	
21	flame length	./.	./.	./.	./.	./.	./.	cm

SPECIMEN

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: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

line no.	Measurement	Result with the tested specimen						Dim.
	Test number	#8853	#8889	#8944	#8945	#8891	#8891	
	flamed direction flamed side	warp A	weft B	warp A	warp A	warp A	warp A	
	Afterglow after end of test	./.	./.	./.	./.	./.	./.	
22	Time [1]	./.	./.	./.	./.	./.	./.	min:s
23	Number of specimen	./.	./.	./.	./.	./.	./.	
	Place of appearance	./.	./.	./.	./.	./.	./.	
24	Lower half of the specimen [2]	./.	./.	./.	./.	./.	./.	
25	Upper half of the specimen [2]	./.	./.	./.	./.	./.	./.	
26	Front side of specimen [2]	./.	./.	./.	./.	./.		
27	Back side of specimen [2]	./.	./.	./.	./.	./.	./.	
	Density of smoke							
28	≤ 400 % * min	9	10	15	12	8	8	% * min
29	> 400 % * min[4]	./.	./.	./.	./.	./.	./.	% * min
30	Diagram: encl. no.	1	2	3	4	5	6	
	Residual lengths: individual value[3]							
31	Specimen 1	27	27	1	24	43	47	cm
	Specimen 2	21	32	21	17	46	45	cm
	Specimen 3	12	23	11	19	45	43	cm
	Specimen 4	13	20	26	18	45	48	cm
32	Average value, individual test [3]	**18**	**26**	**15**	**20**	**45**	**46**	
33	Photo of specimen in enclosure no.	1	2	3	4	5	6	
34	Flue gas temperature	162	134	136	134	123	120	°C
35	Maximum of average value Time [1]	0:25	0:21	0:24	0:24	0:21	0:21	min:s
36	Diagram: encl. no.	1	2	3	4	5	6	
37	Remarks: - none -							

SPECIMEN

[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

United Kingdom
+44 1422 833835
uksales@jcjoel.com

United Arab Emirates
+971 4 884 7801
menasales@jcjoel.com

www.jcjoel.com

Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

6. Explanations concerning the testing procedure

-none-

7. Summary of results and additional establishments to Fire Behaviour

line no.	measurement / test-no.	Result with the tested specimen						dimension
	test-no.	#8853	#8889	#8944	#8945	#8891	#8891	
	flamed direction / flamed side	warp A	weft B	warp A	warp A	warp A	warp A	
	colour of fabric	black				beige	white	
1	residual length	18	26	15	20	45	46	cm
2	max. smoke temperature	162	134	136	134	123	120	°C
3	density of smoke - integral	9	10	15	12	8	8	%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 7 & 8).

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.
- Additional base for validity for all colours is test report PZ-Hoch-250347.
- 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, im 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, 25.03.2025

clerk in charge:

(Dipl.-Ing.(FH) Jürgen Hammer)

ANERKANNTE PRÜF-, ÜBERWACHUNGS- UND ZERTIFIZIERUNGSSTELLE Hoch Fladungen

Head of the test laboratory:

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

End of report

SPECIMEN

Fire Test Certificate - Specimen

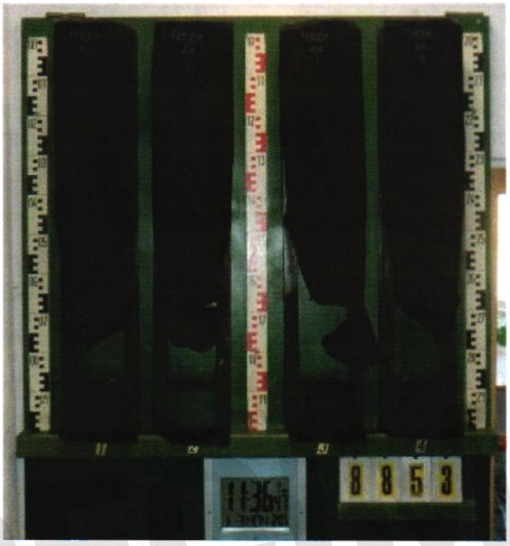
Fabric: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

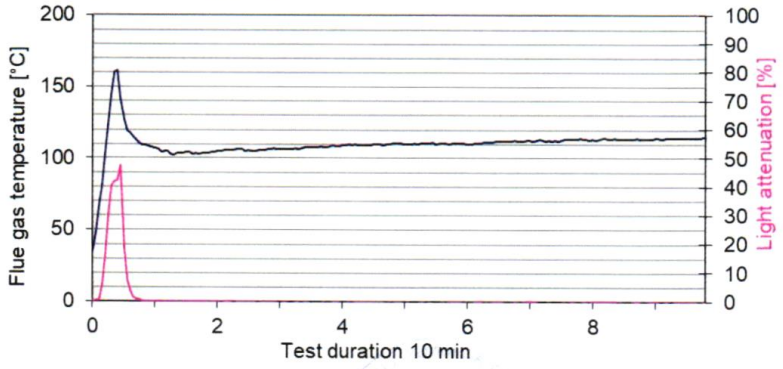
enclosure 1 to test report
PZ-Hoch-250301

„Brandschacht"-test #8853



measurement

#8853, PN41001: A + K
Max. flue temperature: 162°C, Smoke density integral: 9%min
Residual length: 18 cm



SPECIMEN

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

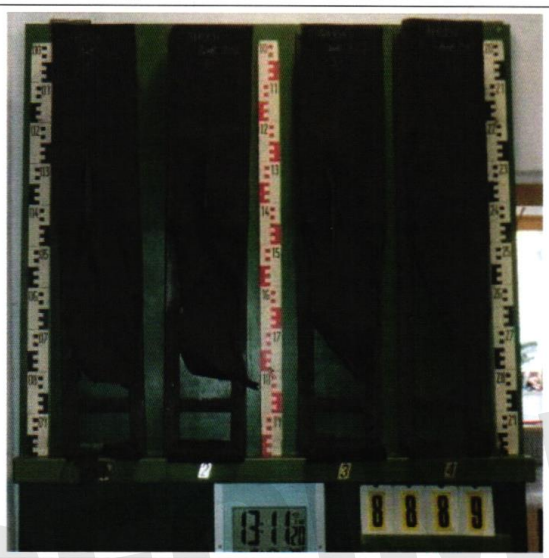
Fabric: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

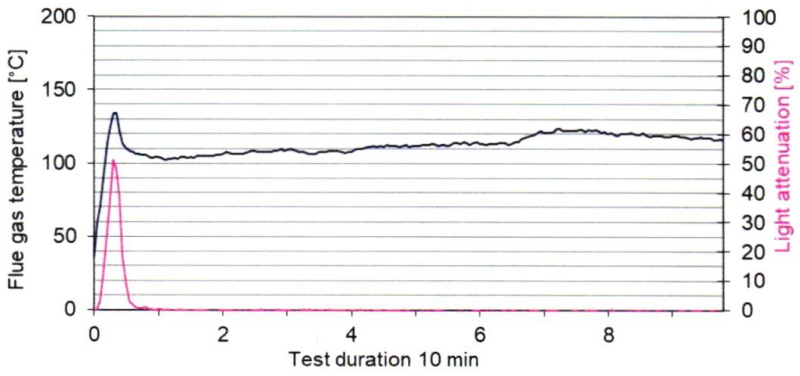
enclosure 2 to test report
PZ-Hoch-250301

„Brandschacht"-test #8889



measurement

#8889, PN41001: B+S
Max. flue temperature: 134°C, Smoke density integral: 10%min
Residual length: 26 cm



SPECIMEN

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

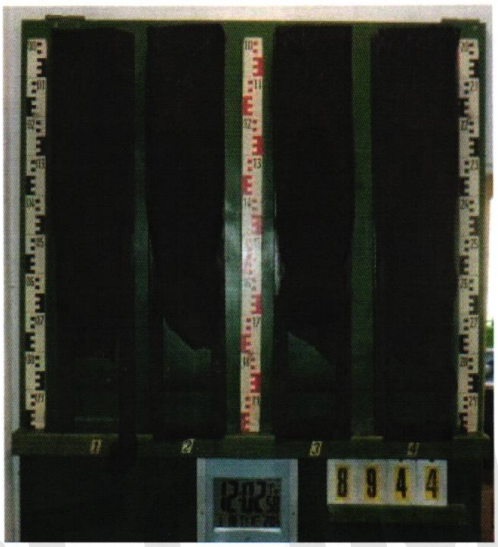
Fabric: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

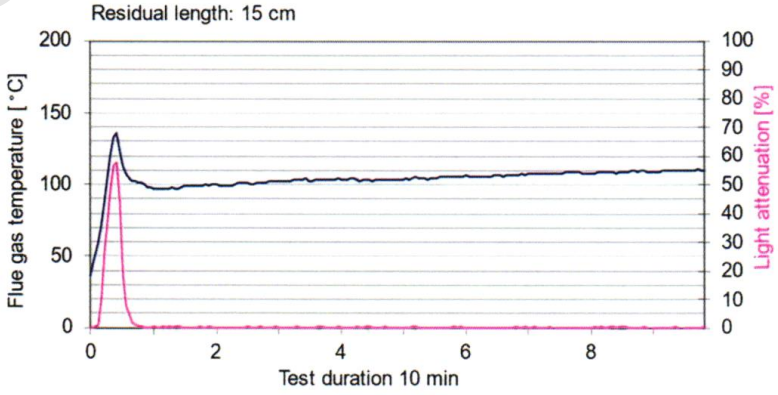
enclosure 3 to test report
PZ-Hoch-250301

„Brandschacht"-test #8944



measurement

#8944, PN41001: A+K
Max. flue temperature: 136 °C, Smoke density integral: 15%min
Residual length: 15 cm



SPECIMEN

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: Wide Width Canvas 4.2
Type: B1

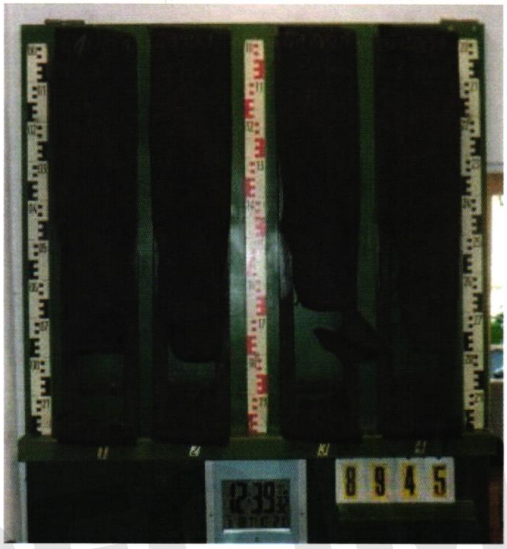
J&C Joel
Inspiration in every performance

Hoch Fladungen

Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

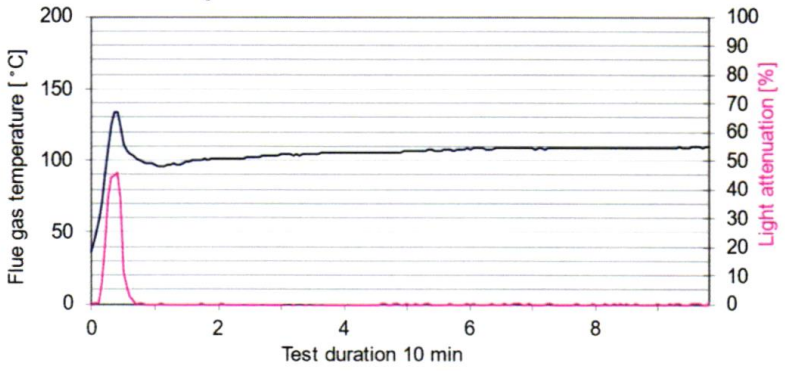
enclosure 4 to test report
PZ-Hoch-250301

„Brandschacht"-test #8945



measurement

#8945, PN41001: A+K
Max. flue temperature: 134 °C, Smoke density integral: 12%min
Residual length: 20 cm



SPECIMEN

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

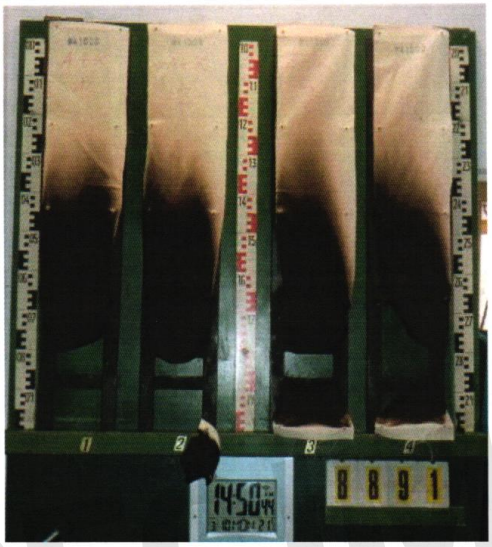
Fabric: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

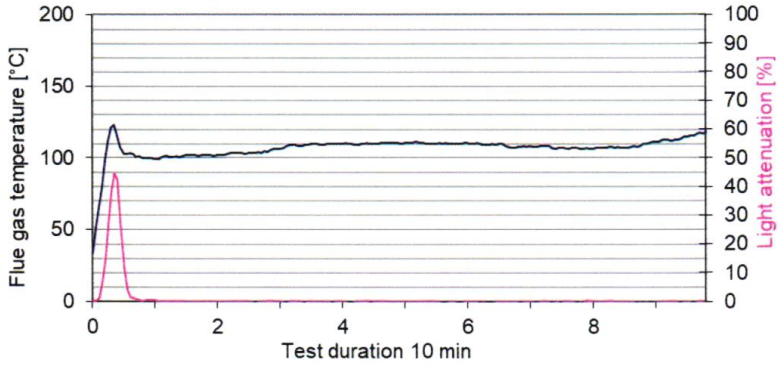
enclosure 5 to test report
PZ-Hoch-250301

„Brandschacht"-test #8891



measurement

#8891, PN41000: A+K
Max. flue temperature: 123°C, Smoke density integral: 8%min
Residual length: 45 cm



SPECIMEN

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: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

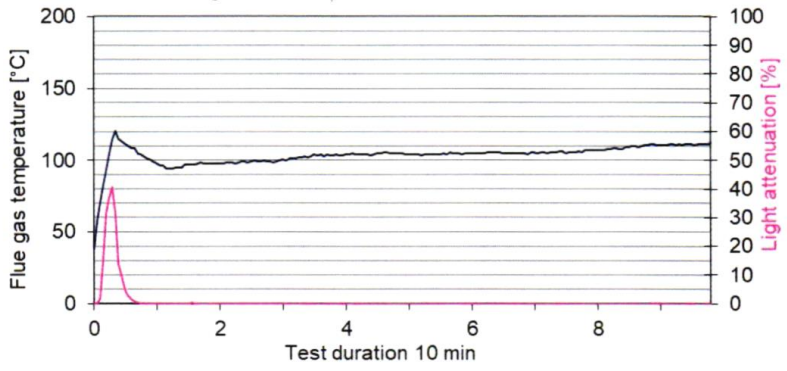
enclosure 6 to test report
PZ-Hoch-250301

„Brandschacht"-test #8892



measurement

#8892, PN40999: A+K
Max. flue temperature: 120°C, Smoke density integral: 8%min
Residual length: 46 cm



SPECIMEN

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: Wide Width Canvas 4.2
Type: B1

J&C Joel
Inspiration in every performance

Hoch Fladungen
Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

enclosure 7 to test report
PZ-Hoch-250301

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 / side A and side B
4. Date of test — CW 07 and 10 in 2025
5. Results

PN 41001: flaming side A in weft direction	**surface-test**						**edge-test**						Dim
samples no.	1	2	3	4	5	6	1	2	3	4	5	6	
ignition[1]	3	3	3	2	2	--	1	--	--	--	--	--	s
reaching the mark of measurement[1)2)]	-/-	-/-	-/-	-/-	-/-	--	-/-	--	--	--	--	--	s
max. flame height	**7**	**7**	**7**	**8**	**6**	**--**	**4**	--	--	--	--	--	cm
time	14	15	14	15	15	--	3	--	--	--	--	--	
self cessation of the flames end of afterflame[1)]	15	15	15	15	15	--	15	--	--	--	--	--	s
end of glowing[1)]	-/-	-/-	-/-	-/-	-/-	--	16	--	--	--	--	--	s
flames were extinguished after[1)]	-/-	-/-	-/-	-/-	-/-	--	-/-	--	--	--	--	--	
smoke development (visual)	little						little						
dropping of burning material during 20 s[1)]	-/-	-/-	-/-	-/-	-/-	--	-/-	--	--	--	--	--	s
Appearance after test: burned out till max. height 8 cm x width 2 cm													

PN 41001: additional tests	**edge-test**						**surface-test**						Dim
samples no.	1	2	3	4	5	6	1	2	3	4	5	6	
arrangement of samples side / direction	A/K	B/K	B/S	--	--	--	A/K	B/K	B/S	--	--	--	
ignition[1)]	1	1	1	--	--	--	2	2	2	--	--	--	s
reaching the mark of measurement[1)2)]	-/-	-/-	-/-	--	--	--	-/-	-/-	-/-	--	--	--	s
max. flame height	**4**	**4**	**4**	**--**	**--**	**--**	**6**	**6**	**6**	--	--	--	cm
time	3	3	3	--	--	--	15	15	15	--	--	--	
self cessation of the flames end of afterflame[1)]	15	15	15	--	--	--	-/-	-/-	-/-	--	--	--	s
end of glowing[1)]	16	16	16	--	--	--	-/-	-/-	-/-	--	--	--	s
flames were extinguished after[1)]	-/-	-/-	-/-	--	--	--	-/-	-/-	-/-	--	--	--	s
smoke development (visual)	little						little						
dropping of burning material during 20 s[1)]	-/-	-/-	-/-	--	--	--	-/-	-/-	-/-	--	--	--	s
Appearance after test: burned out till max. height 8cm x width 2cm													

[1)] time mentioned from the beginning of the test [2)] during 20 Sec -/- no appearance -- no information
K: warp / S: weft

SPECIMEN

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: Wide Width Canvas 4.2
Type: B1

Inspiration in every performance

Hoch Fladungen

Prüfinstitut Hoch
Lerchenweg 1
D-97650 Fladungen

enclosure 8 to test report
PZ-Hoch-250301

PN 41000: additional tests	edge-test						surface-test						Dim
samples no.	1	2	3	4	5	6	1	2	3	4	5	6	
arrangement of samples side / direction	A/K	B/S	A/S	B/S	--	--	A/K	B/K	A/S	B/S	--	--	
ignition[1)]	1	1	1	1	--	--	4	2	2	3	--	--	s
reaching the mark of measurement[1)2)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
max. flame height	**3**	**3**	**3**	**4**	--	--	**5**	**5**	**6**	**5**	--	--	cm
time	10	9	7	7	--	--	15	15	15	15	--	--	
self cessation of the flames end of afterflame[1)]	15	15	15	15	--	--	15	15	15	15	--	--	s
end of glowing[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
flames were extinguished after[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
smoke development (visual)	little						moderate						
dropping of burning material during 20 s[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
Appearance after test: burned out till max. height 6cm x width 2cm													

PN 40999: additional tests	edge-test						surface-test						Dim
samples no.	1	2	3	4	5	6	1	2	3	4	5	6	
arrangement of samples side / direction	A/K	B/K	A/S	B/S	--	--	A/K	B/K	A/S	B/S	--	--	
ignition[1)]	1	1	1	1	--	--	3	3	3	3	--	--	s
reaching the mark of measurement[1)2)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
max. flame height	**4**	**4**	**4**	**4**	--	--	**4**	**4**	**4**	**4**	--	--	cm
time	14	11	10	10	--	--	10	12	13	13	--	--	
self cessation of the flames end of afterflame[1)]	15	15	15	15	--	--	15	15	15	15	--	--	s
end of glowing[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
flames were extinguished after[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
smoke development (visual)	little						moderate						
dropping of burning material during 20 s[1)]	-/-	-/-	-/-	-/-	--	--	-/-	-/-	-/-	-/-	--	--	s
Appearance after test: burned out till max. height 6cm x width 2cm													

SPECIMEN

[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.

End of enclosures

United Kingdom
+44 1422 833835
uksales@jcjoel.com

United Arab Emirates
+971 4 884 7801
menasales@jcjoel.com

www.jcjoel.com



United Kingdom
+44 1422 833835
uksales@jcjoel.com

United Arab Emirates
+971 4 884 7801
menasales@jcjoel.com

www.jcjoel.com