



FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-101323

B1515

Product Marketed by:

SERGE FERRARI

ZONE INDUSTRIELLE-BP54-38352

LA TOUR DU PIN-CEDEX, ,

Issue Date : 06/06/2023

Expiration Date : 06/30/2024

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

CWalker

Issued By Cortney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Patricia Setter

Reviewed and Approved By Patricia Setter
Deputy State Fire Marshal III
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.govmotus.org for more information on Licensing and Permitting with CAL FIRE

SERGE FERRARI TEST REPORT

SCOPE OF WORK

CALIFORNIA REGULATIONS (TITLE 19, SEC. 1237.1 SMALL SCALE TEST) RELATING TO CALIFORNIA STATE FIRE MARSHAL'S FLAME RETARDANT PROGRAM ON B1515

REPORT NUMBER

105227640MID-002REV1

TEST DATE(S)

10/24/22

ISSUE DATE [REVISED DATE]

10/26/22 03/17/23

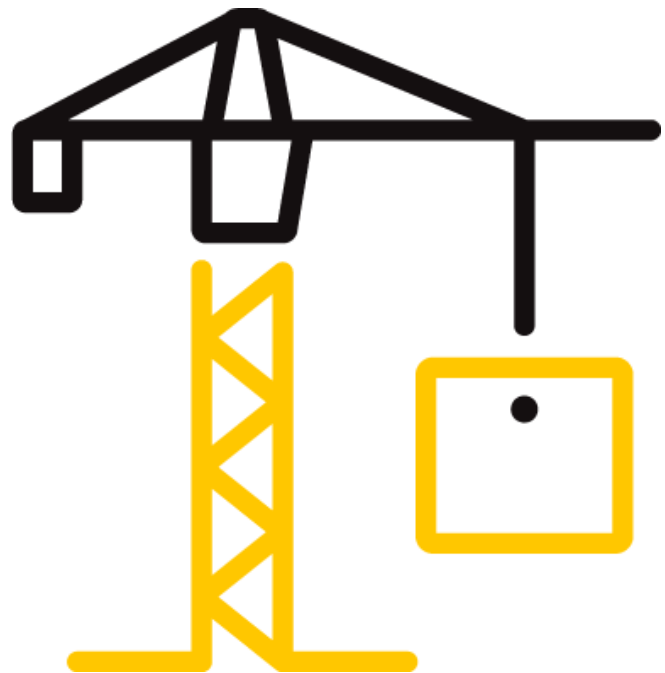
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DOCUMENT CONTROL NUMBER

GFT-OP-10c (09/29/20)

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TEST REPORT FOR SERGE FERRARI

Report No.: 105227640MID-002REV1

Date: 10/26/22

REPORT ISSUED TO

VERSEIDAG-INDUTEX GMBH (SERGE FERRARI GROUP)

Industriestr 56
Krefeld, 47803

SECTION 1

SCOPE

Intertek Testing Services NA, Inc. dba Intertek Building & Construction (B&C) was contracted by Verseidag-Indutex GmbH (Serge Ferrari group), Industriestr 56, Krefeld, 47803 to perform testing in accordance with California Regulations (Title 19, Sec. 1237.1 Small Scale Test) relating to *California State Fire Marshal's Flame Retardant Program*, on their B1515. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at Intertek test facility in Middleton, WI.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens (where required by Certification or Accreditation bodies), or other pertinent project documentation, will be retained for the entire test record retention period.

SECTION 2

SUMMARY OF TEST RESULTS

The specimen did not continue flaming for more than 4 seconds average after the burner was removed. Each specimen did not have a char length greater than 6 inches. B1515 met the specified performance requirements.

For INTERTEK B&C:

COMPLETED BY:	Joel Zumwalt	REVIEWED BY:	Sandy Osborne
TITLE:	Lab Technician III	TITLE:	Lab Technician I
SIGNATURE:		SIGNATURE:	
DATE:	10/26/22	DATE:	10/26/22

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TEST REPORT FOR SERGE FERRARI

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SECTION 3

TEST METHOD(S)

The specimens were evaluated in accordance with the following:

CALIFORNIA REGULATIONS (TITLE 19, SEC. 1237.1 Small Scale Test)-2016, Relating to California State Fire Marshal's Flame Retardant Program

SECTION 4

MATERIAL SOURCE/INSTALLATION

Test samples were provided by the client. The results outlined in this report apply to the sample as received. Samples were received at the Evaluation Center on October 13, 2022 in good condition verified by Sample ID# MID2210131136-001.

SECTION 5

EQUIPMENT

EQUIPMENT			
DESCRIPTION - ASSET #:	Stopwatch - 1404	CALIBRATION DUE:	4/5/2023
DESCRIPTION - ASSET #:	Oven - 1200	CALIBRATION DUE:	FRO
DESCRIPTION - ASSET #:	Test Cabinet - 1204	CALIBRATION DUE:	FRO
DESCRIPTION - ASSET #:	Burner - 1476	VBV:	10/24/2022
DESCRIPTION - ASSET #:	Atlas Weathering Chamber - 1079	CALIBRATION DUE:	FRO
DESCRIPTION - ASSET #:	Oven Logger - 701	CALIBRATION DUE:	1/6/2023
DESCRIPTION - ASSET #:	Temp/Humid Reader Sample Rm- 1451	CALIBRATION DUE:	3/21/2023
DESCRIPTION - ASSET #:	Temp/Humid Reader - 1562	CALIBRATION DUE:	2/2/2023

SECTION 6

TEST PROCEDURE

Testing was conducted in accordance with section 1237.1 Small Scale Test of the standard. There were no deviations to the standard.

SECTION 7

TEST CRITERIA

TEST CRITERIA
The specimen shall not continue flaming for more than 4 seconds average after the burner is removed. Each specimen shall not have a char length greater than 6 inches.

TEST REPORT FOR SERGE FERRARI

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SECTION 8

TEST SPECIMEN DESCRIPTION

Samples were received as a large sheet white in color on both sides. This sheet was cut to thirty approximately 3.5" by 10" specimens fifteen in the warp direction and fifteen in the fill direction by Intertek prior to testing. Samples were conditioned at 140-145°F (60-63°C) for not less than 1 hour and not more than 1-1/2 hours prior to testing by Intertek.

SECTION 9

TEST RESULTS

TEST RESULTS-UNLEACHED AND UNWEATHERED				
12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Warp	1	0	1.25
2	Warp	1	0	1.88
3	Warp	1	0	2.13
4	Warp	1	0	2.31
5	Warp	1	0	2.19
Average		1	0	1.95
12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Fill	1	0	2.13
2	Fill	1	0	2.00
3	Fill	1	0	2.00
4	Fill	1	0	1.31
5	Fill	1	0	1.69
Average		1	0	1.83

OBSERVATIONS - UNLEACHED AND UNWEATHERED

Specimens ignited upon introduction to test flame producing light grey smoke. Specimens rapidly self-extinguished upon removal of test flame. Specimens exhibited no flaming dripping.

TEST RESULTS - WEATHERED BUT UNLEACHED				
12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Warp	1	0	2.44
2	Warp	1	0	2.56
3	Warp	1	0	2.13
4	Warp	1	0	2.63
5	Warp	1	0	2.50
Average		1	0	2.45
12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Fill	1	0	2.00
2	Fill	2	0	2.19
3	Fill	1	0	2.06
4	Fill	1	0	2.50
5	Fill	1	0	2.25
Average		1.2	0	2.20

OBSERVATIONS - WEATHERED BUT UNLEACHED

Specimens ignited upon introduction to test flame producing light grey smoke. Specimens rapidly self-extinguished upon removal of test flame. Specimens exhibited no flaming dripping.

TEST REPORT FOR SERGE FERRARI

Report No.: 105227640MID-002REV1

Date: 10/26/22

TEST RESULTS - LEACHED BUT UNWEATHERED				
12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Warp	1	0	2.06
2	Warp	1	0	2.38
3	Warp	2	0	2.25
4	Warp	1	0	2.19
5	Warp	1	0	2.25
Average		1.2	0	2.23

12 Second Flame Exposure				
Specimen	Direction	After Flame(s)	Afterglow(s)	Char Length (in)
1	Fill	1	0	2.13
2	Fill	2	0	2.56
3	Fill	1	0	2.44
4	Fill	1	0	2.31
5	Fill	1	0	2.00
Average		1.2	0	2.29

OBSERVATIONS - LEACHED BUT UNWEATHERED
Specimens ignited upon introduction to test flame producing light grey smoke. Specimens rapidly self-extinguished upon removal of test flame. Specimens exhibited no flaming dripping.

SECTION 10 CONCLUSION

B1515 met the specified performance requirements.

SECTION 11 REVISION LOG

REVISION #	DATE	SECTION	REVISION
0	10/26/22	N/A	Original Report Issue
1	3/16/23	All	Changed Verseidag-Indutex GmbH Test Report to Serge Ferrari Test Report Changed Report Issued to Verseidag-Indutex GmbH to Verseidag-Indutex GmbH (Serge Ferrari Group) per client request.



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 Farmingdale, New York 11735-5626 USA
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 e-mail: testing@govmark.com

Received:07/13/2016 Completed:07/14/2016 Letter: C MB P.O.#: Test Report #: 3-14330-0-

Client's Identification Style: Duraskin @ B 1515. Composition: PES Fabric Coated on Both Sides With PVC. Weight: 750 g/m². Product End Use: Tents.

Tested For: **Dzevat Muratovic** Key Test: NFPA 701-2015 TM#2 Flat 445
 Verseidag Indutex GmbH
 Industriestr. 56
 D47803 Krefeld, GERMANY
 Tel: 011 49 2151 876 165 Ext:
 Fax:

LE:2015 NE:2019 V:01/15 NTR 04/16 PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

RESULTS REPORTED: Initially After 72 hours water leaching
 After 3 dry cleanings After 100 hours accelerated weathering
 After 5 launderings @ 160°F

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	180
2	0	0	190
3	0	0	165
4	0	0	185
5	0	0	170
6	0	0	200
7	0	0	195
8	0	0	180
9	0	0	185
10	0	0	200

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 770 g/m²

FAILURE CRITERIA: For each individual specimen --

Afterflame	Drip Burn	Char Length
Exceeds 2.0 seconds	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")

RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.

CONCLUSION: Based on the above Results and Failure Criteria, the item tested:

Passes; Fails; Requires testing of 5 additional specimens



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Tested For: Dzevat Muratovic	Key Test: NFPA 701-2015 TM#2 Flat				445	
Verseidag Indutex GmbH Industriestr. 56 D47803 Krefeld, GERMANY			Tel: 011 49 2151 876 165			Ext:
			Fax:			

PRECONDITIONING: 1 hr @ 220°F (Standard)
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS: None.

CONVERSION FACTORS:

mm + 25.4 = inches
g/m² + 28.35 x .835 = oz/yd²

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.


AUTHORIZED SIGNATURE
GOVMARK
/pm/mw

AUG 19 2016

Ms. Phyllis Pettit

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