



**Tested For:** Lone Henriksen  
Kvadrat A/S  
Lundbergsvej 10 DK-8400 Ebeltoft

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**Received:** 8/9/2021  
**Completed:** 8/13/2021  
**Code:** U  
**Test Report:** 3-44745-0

Denmark

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	140
	2	0	0	110
	3	0	0	130
	4	0	0	170
	5	0	0	135
	Average:			
Width:	6	0	0	155
	7	0	0	185
	8	0	0	133
	9	0	0	155
	10	0	0	155
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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226

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

Complies;  Does not comply

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

AUTHORIZED SIGNATURE  
SGS NORTH AMERICA

/jab



/al

AUG 26 2021

*Bobby Brown*

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**Received:** 8/9/2021  
**Completed:** 8/16/2021  
**Code:** U1  
**Test Report:** 3-44745-1

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**Client's Identification:**

Style: Waver. Content: 100% Trevira CS. Width: App. 118 inches. Finish: None. Weight Range: 16-340g/m<sup>2</sup>. Weight: 16 g/m<sup>2</sup>- 1.52 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds LE: 2014; V 7/21 DK Specifier: CAN/UL /rb /dv  
 TEST PERFORMED: CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 43.5 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
**Completed:** 8/16/2021  
**Code:** U1  
**Test Report:** 3-44745-1

Denmark

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	56
	2	0	0	69
Width:	3	0	0	77
	4	0	0	74

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

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

AUG 26 2021  
*Bobby Brown*

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

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**Received:** 8/9/2021  
**Completed:** 8/12/2021  
**Code:** T  
**Test Report:** 3-44744-0

Denmark

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	125
	2	0	0	131
	3	0	0	120
	4	0	0	123
	5	0	0	115
	Average:			
Width:	6	0	0	130
	7	0	0	95
	8	0	0	118
	9	0	0	112
	10	0	0	125
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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**Received:** 8/9/2021  
**Completed:** 8/12/2021  
**Code:** T  
**Test Report:** 3-44744-0

Denmark

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

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

Complies;  Does not comply

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

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab /al

AUG 26 2021

*Bobby Brown*

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	<b>Lundbergsvej 10 DK-8400 Ebeltøft</b>	<b>Mobile:</b>		<b>Code:</b>	<b>T1</b>
		<b>PO#:</b>		<b>Test Report:</b>	<b>3-44744-1</b>
	<b>Denmark</b>	<b>Email:</b>	<b>lh@kvadrat.dk</b>		

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen 457

**Client's Identification:**

Style: Casa. Content: 100% Trevira CS. Width: App. 118 inches. Finish: None. Weight Range: 16-340 g/m<sup>2</sup>. Weight: 170 g/m<sup>2</sup>-16.45 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds      LE: 2014; V 7/21 DK      Specifier: CAN/UL      /rb /dv  
**TEST PERFORMED:** CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 155 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
**Completed:** 8/13/2021  
**Code:** T1  
**Test Report:** 3-44744-1

Denmark

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	25
	2	0	0	48
Width:	3	0	0	39
	4	0	0	33

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

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

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

AUG 26 2021

*Bobby Brown*

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**Received:** 8/9/2021  
**Completed:** 8/17/2021  
**Code:** S  
**Test Report:** 3-44743-0

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	120
	2	0	0	96
	3	0	0	105
	4	0	0	108
	5	0	0	84
	Average:			
Width:	6	0	0	112
	7	0	0	100
	8	0	0	90
	9	0	0	85
	10	0	0	90
	Average:			

REMARKS: None.

**ACCEPTANCE CRITERIA:**

	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(\*\* Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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**Code:** S  
**Test Report:** 3-44743-0

**Key Test:** CAN/ULC-S109-14 Small Flame Test

226

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

Complies;  Does not comply

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

AUTHORIZED SIGNATURE  
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	<b>Kvadrat A/S</b>	<b>Fax:</b>		<b>Completed:</b>	<b>8/24/2021</b>
	<b>Lundbergsvej 10 DK-8400 Ebeltøft</b>	<b>Mobile:</b>		<b>Code:</b>	<b>S1</b>
		<b>PO#:</b>		<b>Test Report:</b>	<b>3-44743-1</b>
		<b>Email:</b>	<b>lh@kvadrat.dk</b>		
	<b>Denmark</b>				

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen 457

**Client's Identification:**

Style: Pro 3. Content: 100% Trevira CS. Width: 59 inches. Finish: None. Weight Range: 16- 340 g/m<sup>2</sup>. Weight: 340 g/m<sup>2</sup>- 16.45 oz/ly. End Use: Curtain.

Test Category: CAN/UL Large Folds      LE: 2014; V 7/21 DK      Specifier: CAN/UL      /rb /dv  
**TEST PERFORMED:** CAN/ULC-S109-14 \* - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Large Flame Test, Folded Specimens

(\* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

**PRECONDITIONING:**

- Standard method: 0.5 hour @ 105 ± 2°C
- Alternate method for materials that are affected by heating to 105°C:
  - Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH
  - Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by SGS North America): 340 g/m<sup>2</sup>

**CONVERSION FACTORS:**

mm ÷ 25.4 = inches  
 g/m<sup>2</sup> ÷ 28.35 x 0.0835 = oz/yd<sup>2</sup>

**RESULTS ARE REPORTED:**

- Initially [code 457]
- After 10 dry cleanings [code 688]
- After 10 launderings [code 630]
- After 72 hours water leaching [code 630]
- After scrubbing [code 861]
- After 360 hours accelerated weathering [code 6925]

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**Received:** 8/9/2021  
**Completed:** 8/24/2021  
**Code:** S1  
**Test Report:** 3-44743-1

Denmark

**Key Test:** CAN/ULC S109-14 Large Flame Test Folded Specimen

457

**RESULTS:**

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	185
	2	0	0	114
Width:	3	0	0	191
	4	0	0	140

REMARKS: None.

ACCEPTANCE CRITERIA: For each individual specimen --

Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
**	2	635 mm

(\*\* Surface Flaming values are required to be reported after removal of the 120 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

CONCLUSION: Based on the above Results and Acceptance criteria, the item tested:

Complies;  Does not comply

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

AUTHORIZED SIGNATURE  
 SGS NORTH AMERICA  
 /jab

*AUG 26 2021*  
*Bobby Brown*

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