

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

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

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

226

**Client's Identification:**

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

Test Category: CAN/UL Small 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, Small Flame Test

(\* 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 226]
- ☐ After 10 dry cleanings [code 457]
- ☐ After 10 launderings [code 399]
- ☐ After 72 hours water leaching [code 399]
- ☐ After scrubbing [code 630]
- ☐ After 360 hours accelerated weathering [code 5518]

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Denmark

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

226

## RESULTS:

| Direction | Specimen # | Surface Flaming**<br>(seconds) | Flaming Drip<br>(seconds) | Damaged Length<br>(mm) |
|-----------|------------|--------------------------------|---------------------------|------------------------|
| Length:   | 1          | 0                              | 0                         | 140                    |
|           | 2          | 0                              | 0                         | 110                    |
|           | 3          | 0                              | 0                         | 130                    |
|           | 4          | 0                              | 0                         | 170                    |
|           | 5          | 0                              | 0                         | 135                    |
|           | Average:   |                                |                           | 137                    |
| Width:    | 6          | 0                              | 0                         | 155                    |
|           | 7          | 0                              | 0                         | 185                    |
|           | 8          | 0                              | 0                         | 133                    |
|           | 9          | 0                              | 0                         | 155                    |
|           | 10         | 0                              | 0                         | 155                    |
|           | Average:   |                                |                           | 157                    |

REMARKS: None.

## ACCEPTANCE CRITERIA:

|                              | Surface Flaming<br>(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

AUG 26 2021

*Bobby Brown*

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

**Phone:** 011 45 89 53 18 60  
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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

**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  
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**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**<br>(seconds) | Flaming Drip<br>(seconds) | Char Length<br>(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.

AUTHORIZED SIGNATURE  
SGS NORTH AMERICA  
/jab /al

AUG 26 2021  
*Bobby Brown*

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

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

226

**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 Small 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, Small Flame Test

(\* 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 226]
- ☐ After 10 dry cleanings [code 457]
- ☐ After 10 launderings [code 399]
- ☐ After 72 hours water leaching [code 399]
- ☐ After scrubbing [code 630]
- ☐ After 360 hours accelerated weathering [code 5518]

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**Test Report:** 3-44744-0

Denmark

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

226

## RESULTS:

| Direction | Specimen # | Surface Flaming**<br>(seconds) | Flaming Drip<br>(seconds) | Damaged Length<br>(mm) |
|-----------|------------|--------------------------------|---------------------------|------------------------|
| Length:   | 1          | 0                              | 0                         | 125                    |
|           | 2          | 0                              | 0                         | 131                    |
|           | 3          | 0                              | 0                         | 120                    |
|           | 4          | 0                              | 0                         | 123                    |
|           | 5          | 0                              | 0                         | 115                    |
|           | Average:   |                                |                           | 123                    |
| Width:    | 6          | 0                              | 0                         | 130                    |
|           | 7          | 0                              | 0                         | 95                     |
|           | 8          | 0                              | 0                         | 118                    |
|           | 9          | 0                              | 0                         | 112                    |
|           | 10         | 0                              | 0                         | 125                    |
|           | Average:   |                                |                           | 116                    |

REMARKS: None.

## ACCEPTANCE CRITERIA:

|                              | Surface Flaming<br>(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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**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

AUG 26 2021

*Bobby Brown*

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**Code:** T1  
**Test Report:** 3-44744-1

Denmark

**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

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- ☒ Standard method: 0.5 hour @ 105 ± 2°C
- ☐ Alternate method for materials that are affected by heating to 105°C:
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  - ☐ 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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Denmark

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

457

## RESULTS:

| Direction | Specimen # | Surface Flaming**<br>(seconds) | Flaming Drip<br>(seconds) | Char Length<br>(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

JR

Ver. 2021-03-09 10:35

Page 2 of 2

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**Phone:** 011 45 89 53 18 60  
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**Email:** lh@kvadrat.dk

**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

**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 Small 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, Small Flame Test

(\* 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 226]
- ☐ After 10 dry cleanings [code 457]
- ☐ After 10 launderings [code 399]
- ☐ After 72 hours water leaching [code 399]
- ☐ After scrubbing [code 630]
- ☐ After 360 hours accelerated weathering [code 5518]

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

Denmark

**Phone:** 011 45 89 53 18 60  
**Fax:**  
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**Email:** lh@kvadrat.dk

**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**<br>(seconds) | Flaming Drip<br>(seconds) | Damaged Length<br>(mm) |
|-----------|------------|--------------------------------|---------------------------|------------------------|
| Length:   | 1          | 0                              | 0                         | 120                    |
|           | 2          | 0                              | 0                         | 96                     |
|           | 3          | 0                              | 0                         | 105                    |
|           | 4          | 0                              | 0                         | 108                    |
|           | 5          | 0                              | 0                         | 84                     |
|           | Average:   |                                |                           | 103                    |
| Width:    | 6          | 0                              | 0                         | 112                    |
|           | 7          | 0                              | 0                         | 100                    |
|           | 8          | 0                              | 0                         | 90                     |
|           | 9          | 0                              | 0                         | 85                     |
|           | 10         | 0                              | 0                         | 90                     |
|           | Average:   |                                |                           | 95                     |

REMARKS: None.

## ACCEPTANCE CRITERIA:

|                              | Surface Flaming<br>(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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**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

*Bobby Brown*

AUG 26 2021

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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

**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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**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**<br>(seconds) | Flaming Drip<br>(seconds) | Char Length<br>(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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