

**Tested For:** Lone Henriksen

Kvadrat A/S

Lundbergsvej 10 DK-8400 Ebeltoft

Denmark

Phone: 011 45 89 53 18 60**Fax:****Mobile:****PO#:** 0477908**Email:** lh@kvadrat.dk**Received:** 8/9/2022**Completed:** 8/30/2022**Code:** J**Test Report:** 3-48642-0**Key Test:** CAN/ULC-S109-14 Small Flame Test

240

Client's Identification:

Style: Encircle-Item 8079. Composition: 100% Trevira CS. Width: 140cm/55 inches. Finish: None. Weight: 400 gr/m² = 18.1 oz/ly.
Product End Use: Upholstery.

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): 422 g/m²

CONVERSION FACTORS: mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x 0.0835 = oz/yd²

RESULTS ARE REPORTED:

- After 10 dry cleanings
- After 10 launderings at 60°C, drip drying
- After 72 hours water leaching
- After scrubbing
- After 360 hours accelerated weathering

The results contained in this report relate only to the item(s) tested. The test report shall not be reproduced except in full, without written approval from SGS North America.

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RESULTS:

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
Length:	1	0	0	91
	2	0	0	103
	3	0	0	93
	4	0	0	76
	5	0	0	<u>94</u>
	Average:			
Width:	6	0	0	104
	7	0	0	82
	8	0	0	85
	9	0	0	91
	10	0	0	<u>90</u>
	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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240

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.

DocuSigned by:

Bobby Brown

B50EB94D593C454...

8/31/2022

AUTHORIZED SIGNATURE

SGS NORTH AMERICA

/jab /gb

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	Kvadrat A/S	Fax:		Completed:	8/30/2022
	Lundbergsvej 10 DK-8400 Ebeltoft	Mobile:		Code:	J1
		PO#:	0477908	Test Report:	3-48642-1
	Denmark	Email:	lh@kvadrat.dk		

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

480

Client's Identification:

Style: Encircle-Item 8079. Composition: 100% Trevira CS. Width: 140cm/55 inch. Finish: None. Weight: App 400 gr/m² = 18.1 oz/ly. Product End Use: Upholstery.

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): 422 g/m²

CONVERSION FACTORS:

mm ÷ 25.4 = inches
g/m² ÷ 28.35 x 0.0835 = oz/yd²

RESULTS ARE REPORTED:

- After 10 dry cleanings
- After 10 launderings 60° C, drip drying
- After 72 hours water leaching
- After scrubbing
- After 360 hours accelerated weathering

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

480

RESULTS:

Direction	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Char Length (mm)
Length:	1	0	0	11
	2	0	0	8
Width:	3	0	0	7
	4	0	0	24

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.

DocuSigned by:

Bobby Brown

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