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June 22, 2020

Trico Aluminum Products

5-7294 Fraserview Place Mission, BC Canada V4S 0A3

SUBJECT: Testing of Trico Aluminum Products 58" x 53-1/8" Unit Skylight sample to the methods outlined in the following standards:

- ASTM E283-04(2012) "Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen"
- ASTM E547-00(2016) "Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference"

Dear Bill,

This summary letter confirms that the Trico Aluminum Products 58" x 53-1/8" Unit Skylight has been tested to methods outlined in ASTM E283 and ASTM E547 standards with the following results:

Fenestration Product	Project #	Test	Test Result
58" x 53-1/8" Unit Skylight *	T1429-1	Air Leakage Test (ASTM E283)	Test Pressure = 75 Pa
			Infiltration = 0.046 L/s/m² (0.009 cfm/ft²) Exfiltration = 0.039 L/s/m² (0.008 cfm/ft²)
		Water Penetration Test (ASTM E547)	Test Pressure = 720 Pa (15.00 psf)
			Result = Pass

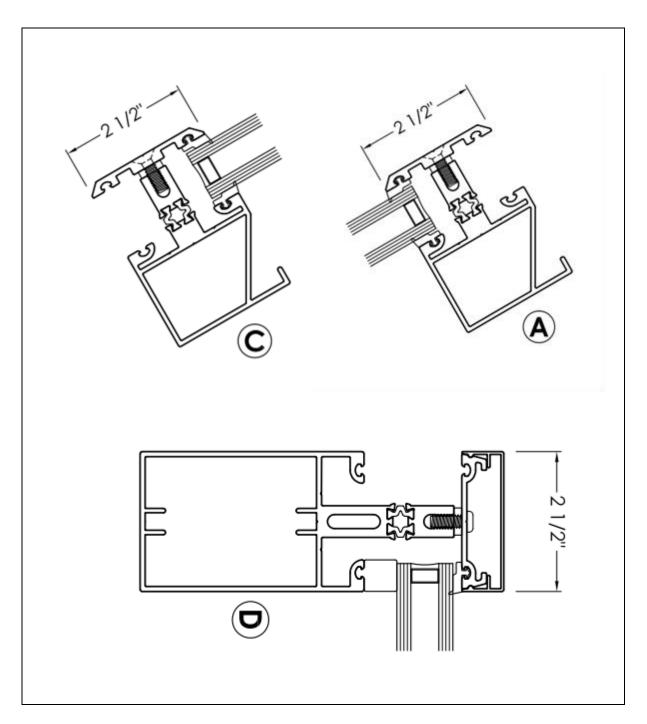
* Notes:

- Test sample was installed on a 1:240 slope during test.
- Test sample dimensions (width x height): 58" x 53-1/8" (1473 mm x 1349 mm) when measured to the outside of the curb.



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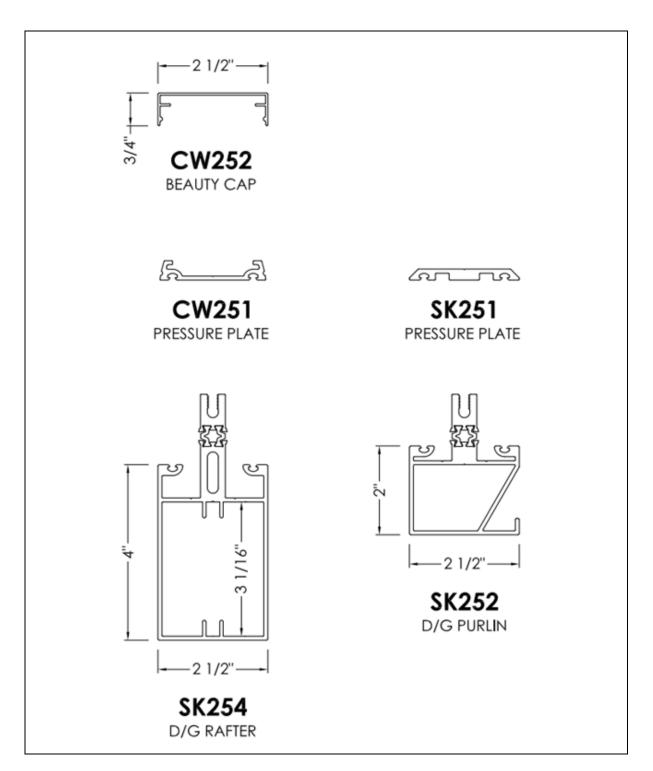


Assembly Drawings.



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Parts Drawings.



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Figure 1: Aluminum 58" x 53-1/8" Unit Skylight – overall product view.



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Figure 2: IGU Details.



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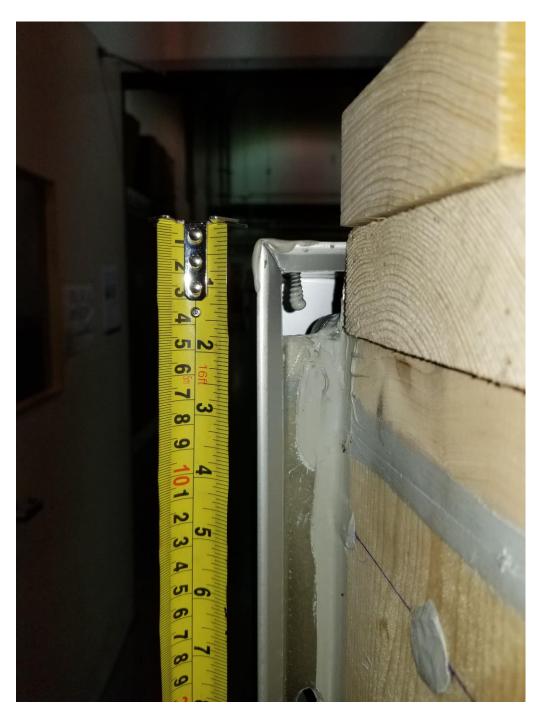


Figure 3: Exterior flashing corner fastener and sealant.



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Figure 4: Exterior drainage.



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Figure 5: Exterior drainage at flashing corner.



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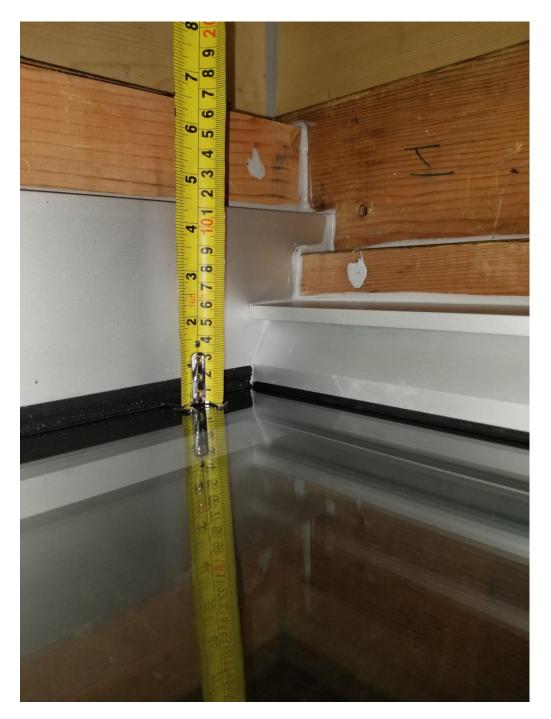


Figure 6: Bottom interior corner and sealant.



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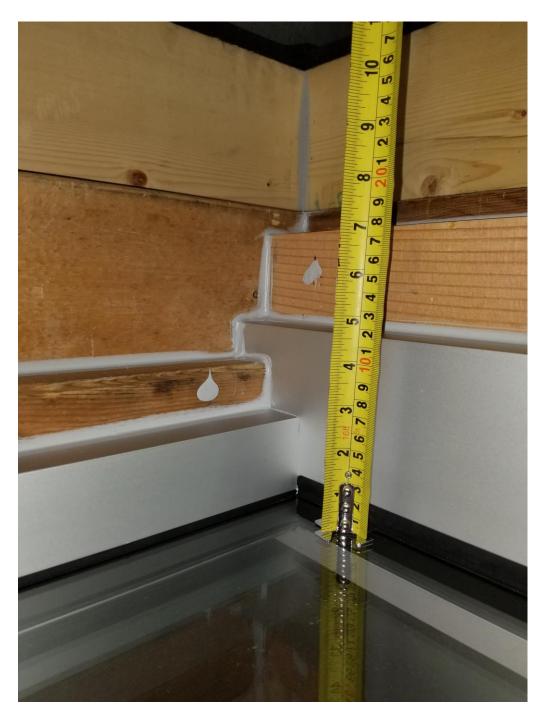


Figure 7: Top interior corner and sealant.



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This summary test report is not a confirmation of certification; certified products will be marked with a QAI logo. The above results relate only to the product tested, as described in the test report, using the hardware, accessories and installation method indicated in the test report. Should you have any questions, please do not hesitate to contact QAI Laboratories Ltd. at 604-527-8378.

Regards, QAI Laboratories Ltd.

Reported by:

Reviewed by:

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