



PRI Construction Materials Technologies LLC

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Laboratory Test Report

Report for: Tom Rashotte
Snowventco Limited
116 Meadowcliffe Dr.
Scarborough, ON M1M 2X9 Canada

Product Name(s): Roofers Vent

Project No.: 2451T0010

Date(s) Tested: July 14, 2025 – July 21, 2025

Test Methods: ICC-ES AC132:
Section 4.1 Net Free Ventilating Area (NFVA)
Section 4.2 Dust Exposure Test

Results Summary: ICC-ES AC132 Section 4.2 Dust Exposure Test
Unadjusted NFVA: 51.1 in²
Dust Exposure: Reduction = 18%
Accumulation = 0.1 g/in²

Purpose: Evaluate the performance properties for the specified ventilation product in accordance with the ICC-ES AC132: Acceptance Criteria for Attic Vents; Section 4.1 Net Free Ventilating Area (NFVA) and Section 4.2 Dust Exposure Test.

Test Methods: Testing was completed as described in ICC-ES AC132: Acceptance Criteria for Attic Vents, Approved February 2010 (Editorially Revised June 2019).

Net Free Ventilating Area was evaluated as required in Section 3.2 of ICC-ES AC132: Acceptance Criteria for Attic Vents. The description stipulates that the ventilation area reported in the evaluation report shall be the gross cross-sectional area less the area of any physical obstructions at the smallest or most critical cross-sectional area in the airway, reduced by the maximum percentage loss in air flow resulting from dust exposure.

The vent was subjected to Dust Exposure as required in Section 3.4.1 of ICC-ES AC132: Acceptance Criteria for Attic Vents. Testing was conducted as described in Section 4.2 of ICC-ES AC132: Acceptance Criteria for Attic Vents.

Sampling: The following materials were received by PRI.

<u>Product</u>	<u>Source</u>	<u>Date</u>	<u>Sampling</u>
Roofers Vent	Pickering, ON	Apr. 01, 2025	Snowventco Limited

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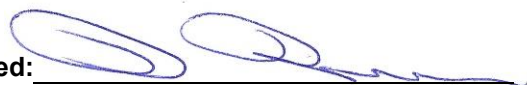
Results:

Physical Properties	Test Method	Results	Requirement
Section 4.1 Net Free Ventilating Area (NFVA)			
Unadjusted NFVA (in ²)	ICC-ES AC132 Section 4.1	51.1	The ventilation area reported shall be the gross cross-sectional area less the area of any physical obstructions at the smallest or most critical cross-sectional area in the airway.
Section 4.2 Dust Exposure Test:			
Dust Exposure Test	ICC-ES AC132 Section 3.4.1		
	Accumulation	0.1	≤ 1.4g/in ² of NFVA
	Max % loss	18%	Report

Notes: None

Statement of Compliance: The identified product complies with the requirements prescribed in ICC-ES AC132: Acceptance Criteria for Attic Vents. The laboratory test results presented in this report are representative of the material supplied.

Signed:



Bill Bennett
Client Services Manager

Date: 08/01/2025

Report Issue History:

Issue #	Date	Pages	Revision Description (if applicable)
Original	08/01/2025	3	NA

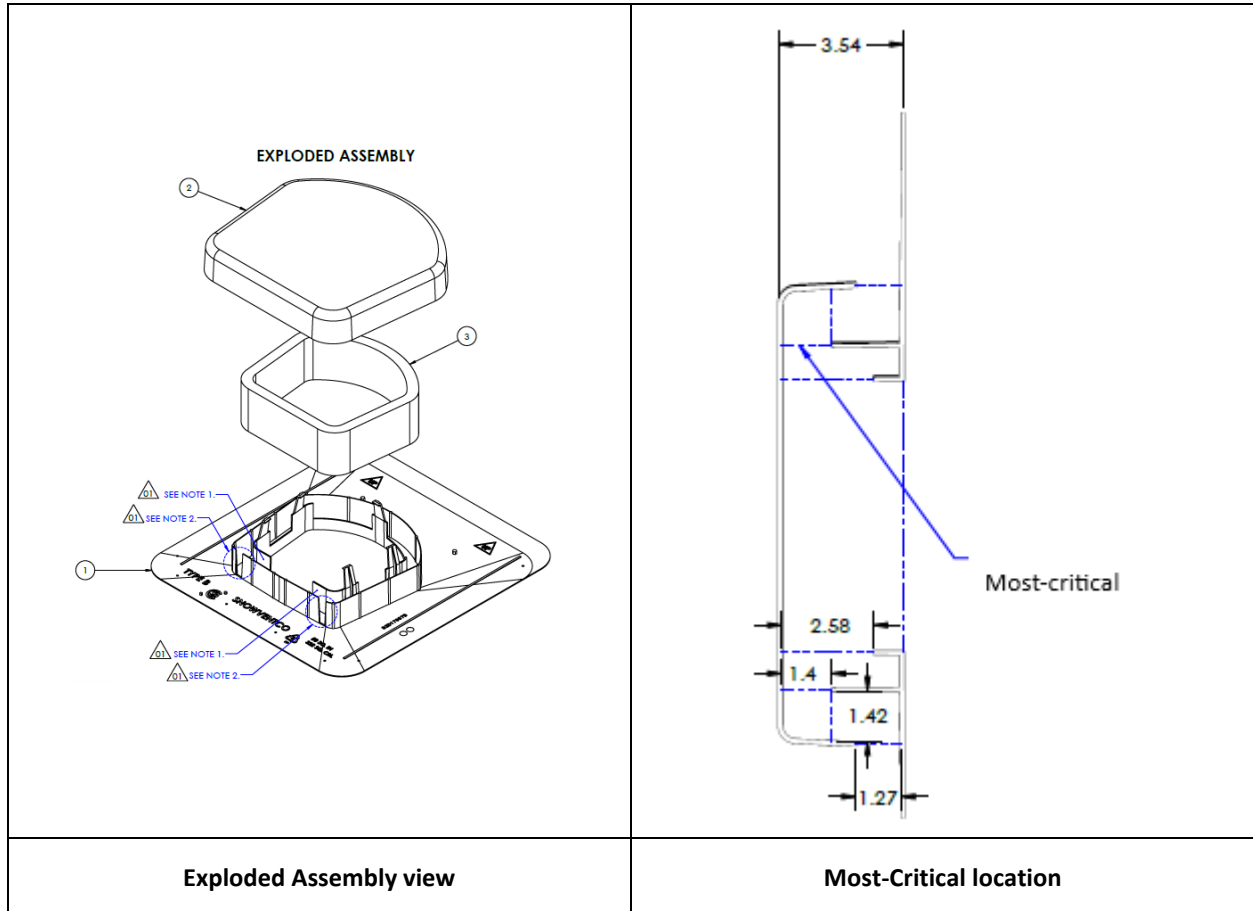
APPENDIX ATTACHED

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Appendix A: NFVA calculation

Representative Illustration and Methodology:



Explanation: The smallest or most-critical cross-sectional area is between the vent hood and the outer wall of the vent flange (see drawing above). The NFVA is constrained by the height of the opening.

Calculation: The NFVA is determined by the gross cross-sectional area minus obstructions as follows:

• Gross Cross-Sectional Area (Width x Height) = 35.23" x 3.5" =	125.125 in²
• Obstructions:	--73.983 in²
○ Vent flange outer collar – 1 each at 2.1" high x 35.23" long = 73.983 in ²	
Sub-Total	51.142 in²
NFVA	51.1 (in²)

END OF REPORT

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