

BUILDING PRODUCT LISTING PROGRAM

Customer: Canadian Curtis, Inc.
Class: Insulated Metal Panels
Location: Stoney Creek, Ontario Canada

Listing No. B1164
Project No. B1164-1 Edition 1

Effective Date: April 22, 2025
Last Revised Date: June 16, 2025

Standards: ASTM C518-21 "Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus".

Product: Factory Assembled Insulated Metal Panels (IMP) for Walk-In Coolers and Freezers.

Markings: Each panel is marked with a permanent label containing the following information:

- a) Manufacturers name or recognized trademark
- b) Product name
- c) Traceability code.
- d) QAI file number: B1164
- e) Panel thickness requirements.
- f) QAI logo shown here:



Canadian Curtis IMP have the following thermal resistivity and minimum thickness required for compliance with National Resources Canada (NRCan) Energy Efficiency Regulation requirements when evaluated per ASTM C518 for applications noted¹:

APPLICATION		THERMAL RESISTIVITY m ² K/W (hr ² ft ² *°F / Btu*in)	REQUIRED MINIMUM THICKNESS, mm (inches)
Walk-In Cooler Mean 12.8°C (55°F)	Structural (Wall)	49.3 (7.1)	90 (3.75) @ RSI 4.40 m ² K/W (25 R-value)
	Floor		102 (4) @ RSI 4.93 m ² K/W (28 R-value)
Walk-In Freezer Mean -6.7°C (20°F)	Structural (Wall)	56.4 (7.9)	102 (4) @ RSI 5.64 m ² K/W (32 R-value)
	Floor		102 (4) @ RSI 5.64 m ² K/W (32 R-value)

Note 1: Evaluation was conducted in accordance with 10 CFR-2017, Part 431, Subpart R, Appendix B.

Notes: Products must be installed with the manufacturer's published installation instructions and in accordance with the building codes recognized by the authority having jurisdiction.

Listed manufacturers are subject to on-going inspections by QAI to ensure that the products outlined above remains as it is listed.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
