QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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BUILDING PRODUCT LISTING PROGRAM

Customer: ISOLOC Insulated Panel & Door Systems
Class: Insulated Metal Panels
Location: Calgary, AB, Canada
Website: https://www.isoloc.ca

Listing No. B1161-1
Project No. B1161-1 Edition 1

Effective Date: April 15, 2026
Last Revised Date: April 15, 2026
Expires: N/A

Standards:

CAN/ULC S102-19	*Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.*
CAN/ULC S127-14	*Standard Corner Wall Method of Test for Flammability Characteristics of Non-Melting Foam Plastic Building Materials*
CAN/ULC S138-06	*Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration.*
ASTM C518-21	*Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*

Product: ISOLOC Camlock Insulated Metal Panels (IMP)

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

a) Manufacturer's name or recognized trademark
b) Product name
c) Date of manufacture
d) QAI file number: B1161
e) CAN/ULC S102 Flame Spread Index and Smoke Developed Index
f) CAN/ULC S138 compliant
g) QAI logo shown here:

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Models / Ratings: ISOLOC Camlock IMP have the following performance properties when evaluated per CAN/ULC S102:

Model(s)	Flame Spread Index	Smoke Developed Index	Thickness Maximum mm (inches)	Density Max. kg/m^3 (lbs/ft^3)
Camlock insulated metal panels (w/o Steel Skin)	≤ 500[1]	≤1000	127 (5)	40 (2.5)
Camlock insulated metal pan*els* (with Steel Skin including treated panel joint[2])	≤ 50	≤1000	127 (5)	40 (2.5)

Note 1: Flame spread determined in accordance with CAN/ULC S127 as required by CAN/ULC S102 for thermosetting charring foam.
Note 2: Joint treated with ADSeal Production 4550 sealant.

ISOLOC Camlock IMP have the following rating determined in accordance with CAN/ULC-S138:

Design Listing	Model(s)	CAN/ULC-S138[1]
B1161-1a	Camlock IMP maximum 127 mm (5 inches) thickness	Joints treated with ADSeal Production 4550 silicone sealant and camlocks covered with plastic caps. Room equipped with standard response 68°C (155°F) activation temperature, pendant style listed sprinklers.

ISOLOC Camlock 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 noted[1]:

Application	Thermal Resistivity m·K/W (hr·ft2· ºF / Btu·in)	Required Minimum Thickness mm (inch)
Walk-In Cooler Walls and Ceilings Mean Temp at 12.8ºC (55ºF)	47.0 (6.8)	102 (4)
Walk-In Cooler Floors Mean Temp at 12.8ºC (55ºF)		105 (4.1)

Note 1: Evaluation was conducted in accordance with 10 C.F.R. Appendix B to Subpart R, Part 431 of Title 431 of Title 10 for R-Value of walk-in panels.

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Notes:

Products must be installed with the manufacturer's 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 remain as it is listed.

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