

BUILDING PRODUCT LISTING PROGRAM

Customer: Ecospan Profiles Inc.
Class: Insulated Metal Panels
Location: High Bluff, Manitoba Canada
Website: <http://ecospanprofiles.ca/>

Listing No. B1113
Project No. B1113-1 Edition 1

Effective Date: January 31, 2019
Last Revised Date: January 31, 2019
Expires: N/A

Standards: CAN/ULC S102	<i>Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies</i>
CAN/ULC S127	<i>Standard Corner Wall Method of Test for Flammability Characteristics of Non-Melting Foam Plastic Building Materials.</i>
CAN/ULC S126	<i>Standard Method of Test for Fire Spread Under Roof-Deck Assemblies</i>
CAN/ULC S138	<i>Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration</i>
CAN/ULC S101	<i>Standard Methods of Fire Endurance Tests of Building Construction and Materials</i>
ASTM E84	<i>Standard Test Method for Surface Burning Characteristics of Building Materials</i>
NFPA 286	<i>Standard Methods of Fire Tests for Evaluating Contribution for Wall and Ceiling Interior Finish to Room Fire Growth.</i>

Product: Edge Wall Panels
Skyline Wall Panels
Skyline Roof Panels

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

- a) Manufacturers name or recognized trademark
- b) Product name
- c) Date of manufacture
- d) QAI file number: B1113

e) QAI logo shown here:



Models / Ratings: Ecospan Profiles Inc. panels surface burning characteristics determined in accordance with CAN/ULC-S102:

Model(s)	Flame Spread Index	Smoke Developed Index	Thickness Max. (mm)	Density Max. kg/m ³
Edge Wall Skyline Wall Skyline Roof (w/o Steel Skin)	≤ 350 ¹	≤ 250	51 - 152	40
Edge Wall Skyline Wall Skyline Roof (with Steel Skin)	≤ 25	≤ 200	51 - 152	40

Note 1: Flame spread index determined in accordance with CAN/ULC S127.

Ecospan Profiles Inc. panels surface burning characteristics complying with CAN/ULC S126:

Model(s)	Results	Thickness Max. (mm)	Density Max. kg/m ³
Skyline Roof (with Steel Skin)	Complies	51 - 152	40

Ecospan Profiles Inc. panels surface burning characteristics determined in accordance with ASTM E84:

Model(s)	Flame Spread Index	Smoke Developed Index	Thickness (inches)	Density Max. lbs/ft ³
Edge Wall Skyline Wall Skyline Roof (w/o Steel Skin)	≤ 25	≤ 450	2 - 6	2.5
Edge Wall Skyline Wall Skyline Roof (with Steel Skin)	≤ 25	≤ 450	2 - 6	2.5

Ecospan Profiles Inc. panels products ratings determined in accordance with CAN/ULC-S138:

QAI Design #	Model(s)	CAN/ULC-S138 Details
B1113-1a ²	Edge Wall Skyline Wall Skyline Roof	Sprinklered Room Compliant when equipped with 68°C (155°F) activation temperature, pendant style listed sprinklers. Fastener at top and bottom panels for panel connection are required. Corners treated with flashing, mechanically secured. Optional, butyl caulking can be applied at joints..

Note 2: The above assembly has been evaluated and found compliant for Protection of Foam Plastic in Combustible Construction as outlined in Section 3.1.4.2 of the 2015 National Building Code of Canada (NBC).

The above assembly has been evaluated and found compliant for Factory Assembled Panels for use in Non-Combustible Construction for buildings that are sprinklered, < 18 meters high, have no Group A Group B or Group C major occupancies, with the panel having no air spaces, as outlined in Section 3.1.5.7 of the 2015 NBC and where panels are used in application where flame spread ratings required are ≤ 10..

Ecospan Profiles Inc. panels products evaluated to NFPA 286:

QAI Design #	Model(s)	NFPA 286 Details
B1113-1a ³	Edge Wall Skyline Wall Skyline Roof	Fastener at top and bottom panels for panel connection are required. Corners treated with flashing, mechanically secured. Optional, butyl caulking can be applied at joints.

Note 3: The above assembly has been evaluated and found compliant for installation and use without a code prescribed thermal barrier, based on Section 2603.9 Special Approval of International Building Code 2015 / 2018.

Ecospan Profiles Inc. products complying with CAN/ULC-S101 15-minute stay in place when used as wall panels:

QAI Design #	Model(s)	Fire Endurance	Openings
B1113-1b ⁴	Edge Skyline Wall	15 Minutes	No Openings Developed.



Note 3: *The above assembly has been evaluated and found compliant for Protection of Exterior Building Face where the maximum permitted area of unprotected openings is > 10% of the exposing building face, containing foam plastic insulation in an exterior wall of buildings > 3 stories per Section 3.2.3.8 (2) of the 2015 National Building Code of Canada through testing to CAN/ULC S101.*

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 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.
