



BUILDING PRODUCT LISTING PROGRAM

Customer: Anenda Systems, Inc. dba AL13 Architectural Systems
Class: Aluminum Siding
Location: Delta, British Columbia, Canada
Website: www.al13.com

Listing No. B1120-2
Project No. B1120-2 Edition1
Effective Date: August 21, 2023
Last Revised Date: August 21, 2023
Expires: N/A

Standards: CAN/ULC S102 *Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.*
ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials*
CAN/ULC S114 *Standard Method of Test for Determination Of Non-Combustibility In Building Materials*
ASTM E136 *Standard Test Method for Behavior of Materials In A Vertical Tube Furnace At 750°C. (Option A)*
ASTM E330/E330M *Standard Test Method for Structural Performance of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference*
AAMA 508 *Voluntary Method and Specification for Pressure Equalized Rain Screen Wall Cladding Systems*

Product: AL13 Aluminum Plank Cladding

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

- Manufacturer's name or recognized trademark, AL13.
- Product name.
- Batch Number.
- Date of Manufacture: Year/Month/Day.
- QAI file number: B1120
- CAN/ULC S102 / ASTM E84 Flame Spread Index and Smoke Developed Indices as noted in this listing.
- Non-Combustible per CAN/ULC S114 / ASTM E136
- QAI logo shown here:



Models / Ratings: The following outlines AL13 Aluminum Plank product ratings determined in accordance with the noted method(s):

AL13 Aluminum Plank products are classified noncombustible per evaluation in accordance with ASTM E136.

AL13 Aluminum Plank products are classified noncombustible per evaluation in accordance with CAN/ULC S114.

AL13 Aluminum Plank products were found to have the following surface burning characteristics determined in accordance with CAN/ULC S102:

AL13 CAN/ULC S102 Surface Burning Characteristic Ratings		
Model(s)	Flame Spread Rating	Smoke Developed Classification
AL13 Aluminum Plank System	< 25	< 50

AL13 Aluminum Plank products were found to have the following surface burning characteristics determined in accordance with ASTM E84:

AL13 ASTM E84 Surface Burning Characteristic Ratings		
Model(s)	Flame Spread Rating	Smoke Developed Classification
AL13 Aluminum Plank System	< 25	< 450

AL13 Aluminum Plank products were found to comply with requirements for pressure equalizing exterior cladding when evaluated per AAMA 508 when installed in accordance with the following:

AL13 Aluminum Plank AAMA 508 Compliant Assembly:

Model(s)	Stud ¹	Sheathing ¹	Attachment
4-1/4-inch (108 mm) width AL13 Aluminum Plank	Minimum 16-gauge 2-inch x 6-inch (51 mm x 152 mm) steel studs spaced at maximum 16 inches (405 mm) on center	Minimum 1/2-inch (13 mm) code complying sheathing.	Each slat (4-1/4" x 95") is secured with composite clips at each stud location. The clips are to be anchored into the underlying stud with a minimum one #10 x 1-3/4" (54 mm) length self-drilling screw.

AL13 Aluminum Plank products were found to have pressure resistance evaluated in accordance with ASTM E330 when installed in accordance with the following:

Model(s)	Stud ¹	Sheathing ¹	Attachment	Allowable Pressure psf (kPa)
4-1/4-inch (108 mm) width AL13 Aluminum Plank	Minimum 2 inch x 8 inch (38 mm x 191 mm) Spruce-Pine-Fir (SPF) Grade 2 lumber, spaced at maximum 16 inches (405 mm) on center.	Minimum 7/16-inch (11 mm) code complying wood sheathing.	Each slat (4-1/4" x 95") is secured with composite clips at each stud location. The clips are to be anchored into the underlying stud with a minimum one #10 x 1-3/4" (54 mm) length self-drilling screw.	53 (2.6)

1. Allowable load value includes a Safety Factor of 3.

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.
