ENGINEERING EVALUATION REPORT

Date	2023-02-17
Report Number	0093-12-1
Client Name	FastPlank Systems Inc.
Address	101-4441 76th Ave SE, Calgary, AB T2C 2G8

Subject

FastPlank Systems aluminum siding planks. Method of Salt Spray (Fog) Test Results.

Product Description

FastPlank Systems are aluminum siding planks with fastening clips and trim accessories, serving as an exterior wall covering. Planks are extruded 3/64 in. thick aluminum with a V-Notch™ profile, available in widths of 4 in. or 6 in. and in 16 ft. or 32 ft. lengths. The plank exterior surface is typically finished with a powder-coat paint in a variety of colors.

Evaluation

Testing of the siding planks has been conducted in accordance with the referenced test standards at Intertek - York, Pennsylvania location. Intertek is an independent testing laboratory accredited by the International Accreditation Service (IAS).

Standard	Property	Sample Description	Exposure[1]	Test Results
ASTM B117-73	Corrosion Resistance	V-Notch plank, finished (with powder-coat paint applied)	1000 hrs	[2]Frontside: No corrosion [2]Backside: No corrosion

1. Test specimens were supported at an angle of 15° from the vertical and were exposed to 35 °C salt fog with 5% sodium chloride solution for 1000 hours.
2. The test results are the average of 3 test specimens.

The results of this testing comply with the requirements of AAM 1402-9, *Section 3.2.4.2.1 Exterior Surfaces, Standard Commercial Coatings*. ASTM B117-73, *Method of Salt Spray (Fog) Test*, is referenced by AAMA 1402-09-*Standard specification for Aluminum Siding, Soffit and Fascia* which is cited in section 1403.5.1 of the 2021 International Building Code (IBC).

The scope of this report is limited to the test results of ASTM B117-73. All other required testing within the standard specification AAMA 1402-09 is outside the scope of this report.

Source Documents

The published versions of the following sources, current on the date of this evaluation, were used as reference material to support the conclusions made:

1. ASTM B117-73 results: Intertek report L2210.01-106-31 R0, dated 2021-09-15.

Signed

This report has been prepared and reviewed on behalf of BOCA by:

Bradley Wells

2023-02-22
Date

Chris Bowness, P.Eng., P.E.

2023-02-22
Date

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EVALUATION REPORT TERMS:

1. This report is a general evaluation of the building code sections and/or standards requirements as identified and applies only to the samples that were evaluated. It does not imply any endorsement or warranty, nor that the signatory Engineer is the Designer of Record of any construction project for which the information is used.
2. This Evaluation Report expires Dec. 31, 2023, open to renewal. Up to the renewal date, the report is valid until such time as the named product(s) changes, the Quality Assurance Agency changes, or provisions of the Code that relate to the product change.

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