



ENGINEERING EVALUATION REPORT

Report Number | 0093-34
Client | Engage Building Products Inc.
Address | 101-4441 76th Ave SE, Calgary, AB T2C 2G8

Issue Date | 2025-12-31
Issue Number | 2-6069
Expiry Date | 2026-12-31

Subject

QuickPanel Systems with Alfrex 3mm Aluminum Plate, Non-Combustibility Testing to CAN/ULC S114.

Product Description

QuickPanel Systems with Alfrex 3mm Aluminum Plate are aluminum plate cladding panels with back framing aluminum stiffeners affixed to building framing, serving as an exterior wall covering.

Plate: The Alfrex plate is 100% solid 3003 H14 aluminum with a nominal 3mm thickness, and a maximum width of 1575mm (62"), and can be custom cut to length.

Stiffeners & Trim: The stiffeners, horizontal and vertical trims are two-piece 6063-T6 aluminum, and fastened to the exterior wall framing.

Fasteners: Dowsil 995 silicone, 3M-VHB double sided tape, #10 metal screws.

Evaluation

Testing of the panel and the trim have been conducted in accordance with the referenced test standards at Intertek – Middleton, WI locations and Coquitlam, BC respectively. Intertek is an independent testing laboratory accredited by the International Accreditation Service (IAS).

Standard	Property	Sample Description	Test Results
CAN/ULC-S114-18	Non-Combustibility	Alfrex 3mm plate (unfinished) ¹	Met Requirements
CAN/ULC-S114-18	Non-Combustibility	EasyTrim/Quickpanel stiffeners and trims 1.25mm (unfinished) ^{1,2}	Met Requirements

1. The scope of CAN/ULC S114 requires the base materials to be tested without decorative coating finishes.

2. The Easytrim and Quickpanel family of trims and stiffeners accessory parts are produced with the same materials. Test data applies to all profiles within the group of parts.

CAN/ULC-S114, Standard Method of Test for Determination of Non-Combustibility in Building Materials, is referenced in the 2020 National Building Code of Canada (NBCC), Div. A 1.4.1.2 Defined Terms. The test results meet the code definition of non-combustible.

NBCC, Div B 3.1.5.2 Minor Combustible Components allows for the installation of paint, adhesive, caulking, and self-adhesive tapes as "permitted in a building required to be of non-combustible construction."



Manufacturing Plants, Labeling and Quality Assurance

The products evaluated in this report are surveyed at the approved manufacturing locations with third-party quality assurance inspections by QAI. The manufacturing plants of siding materials covered in this evaluation report are located in: Calgary, AB. Labeling shall be in accordance with the requirements of and bear the certification mark of the Accredited Quality Assurance Agency.

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. CAN/ULC S114-18 results: Intertek report 10588996MID-001, dated 2024-08-16.
2. CAN/ULC S114-18 results: Intertek report 105849866COQ-003 R1, dated 2024-10-04.

Signed

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

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

2025-12-31

Date



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 2026-12-31, 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.

CERTIFICATION OF INDEPENDENCE:

1. Boca Engineering Co., its employees and shareholders, do not have, nor do they intend to or will acquire, a financial interest in any company manufacturing or distributing products that they evaluate.
2. Boca Engineering Co. is not owned, operated or controlled by any company manufacturing or distributing products that they evaluate.

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