



ENGINEERING EVALUATION REPORT

Issue Date	2025-04-16
Expiry Date	2025-12-31
Report Number	0093-32-1-6034
Client Name	Engage Building Products Inc.
Address	101-4441 76th Ave SE, Calgary, AB T2C 2G8

Subject

QuickPanel System 4mm FR ACM panels. ASTM D6578 graffiti resistance test results.

Product Description

QuickPanel Systems are Aluminum Composite Material (ACM) panels with back framing stiffeners affixed to framing, serving as an exterior wall covering. The composite panel is nominally 4mm in thickness, composed of an inside and outside skin of nominally 0.5mm thick aluminum sheets bonded to a nominal 3mm thickness inner core of polyethylene with mineral (magnesium hydroxide) fire-retardant (FR).

Evaluation

Testing of the ACM panel has been conducted in accordance with ASTM D6578, *Standard Practice for Determination of Graffiti Resistance* at Intertek – York, Pennsylvania location. Intertek is an independent testing laboratory accredited by the International Accreditation Service (IAS).

Standard	Graffiti Marker	2-Coat PVDF Finish Ave. Rating		3-Coat PVDF Finish Ave. Rating	
		Rating	Cleanability ¹	Rating	Cleanability ¹
ASTM D6578-13(2024)	Permanent Ink Marker (blue)	8	Cleanable with IPA	8	Cleanable with IPA
	Acrylic Spray Paint (red)	8	Cleanable with IPA	8	Cleanable with IPA
	Alkyd Spray Paint (red)	8	Cleanable with IPA	8	Cleanable with IPA
	Wax Crayon (blue)	8	Cleanable with IPA	8	Cleanable with IPA
	Ballpoint Ink (blue)	8	Cleanable with IPA	8	Cleanable with IPA
	Water-based Ink Marker (black)	10	Cleanable with dry rag	10	Cleanable with dry rag

1. IPA stands for isopropyl alcohol.

Aluminum composite panels were applied with a 2-coat polyvinylidene fluoride (PVDF) paint finish, Micas collections JY-2540 “Pewter Mica”, or 3-coat PVDF paint finish, Metallics collections JY-3550 “JLR Gray Metallic”.

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 D6578 Test Results: Intertek report S1418.01-106-31 R0, dated 2025-02-20.



Signed

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

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

2025-04-16

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 Dec. 31, 2025, 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.

-END-