

# 1-PIECE, TIGHT-FIT MOLDING (LEGACY) TECHNICAL DATA SHEET

**SYSTEM:** 1-Piece, Tight-Fit Molding (Legacy)

**EFFECTIVE:** October 17, 2024

**Description:** Laminators Inc. 1-Piece, Tight-Fit Molding (Legacy) is a progressive, weather-resistant, exterior wall covering panel system. The panel system includes field-fabricated Laminators Inc. Omega-Lite® aluminum composite material (ACM) panels and aluminum moldings to encapsulate panel edges.

**Properties:**

Depth	3/8 in (nom)
Weight	0.99 psf (+/-)
Weather Protection (2018 IBC / 1402.2)	Water-Resistive Barrier
Exterior Wall Finish (2018 IBC / 1406.2)	PVDF/Kynar 500®, Polyester, or Anodized ACM
Combustible Exterior Wall Coverings (2018 IBC / 1406.10, 1406.11, & 1406.12)	Types I, II, III, IV, and V Construction

**Performance:**

Perimeter Framing Deflection (2018 IBC / Table 1604.3)	< L/175 normal to plane of wall
Panel Deflection (2018 IBC / Table 1604.3)	< L/60 normal to plane of wall
Air Leakage Testing (ASTM E283-91)	0.03 cfm / ft <sup>2</sup> @ 6.24 psf (over plywood) 0.01 cfm / ft <sup>2</sup> @ 6.24 psf (over concrete)
Uniform Load Testing <sup>1</sup> (ASTM E330-02)	-104.0 psf (deflection) -156.0 psf (structural)
Permanent Deformation at 150% Pressure <sup>1</sup> (ASTM E330-02)	< L/1000
Water Penetration Testing <sup>1</sup> (ASTM E331-00)	Pass @ 12.0 psf
Fire Performance <sup>2</sup> (NFPA 285-06)	Meets Conditions of Acceptance

**Go beyond the panel... and go to the next level!**

Thermal Movement Temperature Range	-20°F to +180°F at material surface
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**Qualifications:**

Florida Product Approval (2023 Florida Building Code)	FL17652-R3 (FL17652.1)
Miami-Dade Notice of Acceptance <sup>3</sup>	NOA #23-0911.07 (+/- 120 psf)

Notes:

1. Based on both plywood & wood studs and concrete base wall constructions.
2. Based on gypsum & metal studs base wall construction.
3. Expires 08/20/25.