LAMINATORS
Composite Panel Solutions

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OMEGA-LITE®
TECHNICAL DATA SHEET

PRODUCT: Omega-Lite

EFFECTIVE: November 17, 2026

Description: Laminators Inc. Omega-Lite is an aluminum composite material (ACM) panel that consists of a thermoplastic core bonded to a texture/color finished sheet of aluminum on one face and a protected mill finished sheet of aluminum on the other. Panels are intended for use in the Laminators Inc. panel systems.

Properties:

Thickness	6 mm (nom)
Weight	0.99 psf (+/-)
Core	Extruded Corrugated Polypropylene
Aluminum Sheets [1] (ASTM B209)	3105-H24 & H28; 5005-H34 0.012 to 0.032 in
Texture Finish	Smooth
Color Finish (AAMA 2605)	PVDF/Kynar 500®, Polyester, or Anodized
Coefficient of Thermal Expansion, α	$13x10^{-6}$ in/in/°F

Performance:

Self-Ignition Temperature (ASTM D1929)	Greater than 650°F
Average Peel Torque (ASTM D1781)	Greater than 22.5 in-lb/in
R-Value (ASTM C518)	0.50 hr °F ft^2 / BTU

Notes:
1. Panels include 0.012 in (min) actual sheet thickness backer and 0.024 in (min) actual sheet thickness facer.