

DRY SEAL

TECHNICAL DATA SHEET

SYSTEM: Dry Seal
EFFECTIVE: January 12, 2024

Description: Laminators Incorporated (Laminators Inc.) Dry Seal is a progressive, weather-resistant, exterior wall covering panel system that combines a dry-seal, reveal-joint aesthetic with pressure-equalized rainscreen performance. The panel system includes shop-fabricated Laminators Inc. Omega-Lite® aluminum composite material (ACM) panels, stiffeners, and extrusions. The panel system can be installed over a variety of substrates and on projects requiring Continuous Insulation (CI), such as Laminators Inc. Omega CI rigid insulation panels or other third-party CI solutions.

Properties:

Depth	1-7/8 in (nom)
Weight	1.72 psf to 1.88 psf (+/-)
Weather Protection (2018 IBC / 1402.2)	Pressure-Equalized Rainscreen
Exterior Wall Finish (2018 IBC / 1406.2)	PVDF/Kynar 500®, Polyester, or Anodized MCM
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
System Performance (AAMA 508-07)	
• Water Penetration Testing (AAMA 501.1-05)	Pass @ 6.24 psf
• Air Leakage Testing (ASTM E283-04)	0.12 cfm / ft ² @ 1.57 psf
• Water Penetration Testing (ASTM E331-00)	Pass @ 6.24 psf
• Cyclic Air Pressure Differential (ASTM E1233-00)	Pass @ < 0.08 seconds

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

Fire Performance ¹ (NFPA 285-06)	Meets Conditions of Acceptance
Thermal Movement Temperature Range	-20°F to +180°F at material surface

Qualifications:

Continuous Insulation (ASHRAE 90.1)	Omega CI [®]
Florida Product Approval	FL17652-R3 (FL17652.3) / 2023 Code Version
Miami-Dade Notice of Acceptance ²	NOA #23-0911.07 (+/- 120 psf)

Notes:

1. Applies to gypsum & metal studs base wall construction.
2. Expires 08/20/25.