

1-PIECE, TIGHT-FIT MOLDING (Legacy)

Technical Data Sheet

PRODUCT: 1-Piece, Tight-Fit Molding (Legacy)

EFFECTIVE: February 3, 2021

Description: 1-Piece, Tight-Fit Molding is a progressive installation system that consists of metal composite material (MCM) panels and aluminum moldings to encapsulate panel edges.

Properties:

Depth (standard)	3/8 in (nom)
Weight	0.99 psf (+/-)
Weather Protection (IBC 1403.2)	Flashing, water-resistive barrier, drainage, and ventilation
Exterior Wall Finish (IBC 1407.2)	PVDF/Kynar 500®, Polyester, or Anodized MCM and Moldings

Performance:

Air Leakage Testing (ASTM E283) ¹	0.03 cfm / ft ² @ 6.24 psf ^{1a}	0.01 cfm / ft ² @ 6.24 psf ^{1b}
Uniform Load Testing (ASTM E330) ¹	-104.0 psf (Deflection)	-156.0 psf (Structural)
Water Penetration Testing (ASTM E331) ¹	Pass @ 12.0 psf	
Perimeter Framing Deflection	< L/175 normal to plane of wall	
Panel Deflection	< L/60 normal to plane of wall	
At 150% pressure	< L/1000 permanent deformation or failure	
Thermal Movement	Temperature range of -20°F to +180°F at material surface	
Fire Performance (NFPA 285) ²	Meets Conditions of Acceptance	
Miami-Dade Notice of Acceptance ¹ (Expires 08/20/25)	NOA #20-0720.03	+/- 120 psf
Florida Product Approval ^{1, 3}	FL17652 (2014 Code Version)	
Omega-Lite ICC-ES Listing Reports	ESL-1251 (ASTM D1781)	ESL-1253 (ASTM E84)

Notes:

1. Applies to a) plywood exterior sheathing and 2x6 framing and b) concrete base wall constructions only.
2. Applies to NFPA 285-06 Edition and over gypsum exterior sheathing and cold-formed steel framing base wall construction only.
3. Quality Assurance Contract expired as of 01/31/2018.

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