

DRY SEAL

Technical Data Sheet

SYSTEM: Dry Seal
EFFECTIVE: October 23, 2019

Description: Dry Seal is a progressive installation system that consists of metal composite material (MCM) panels and dry reveal joints. Using fabricated panels with stiffeners and extrusions, the system is intended to prevent water accumulation in the wall assembly and may be coordinated with third-party sub-framing as part of continuous insulation (CI) to a building envelope.

Properties:

Depth (standard)	1-7/8 in (nom)	
Weight	Over Gypsum Sheathing 1.88 psf (+/-)	Over Plywood 1.72 psf (+/-)
Weather Protection (IBC 1403.2)	Pressure-Equalized Rainscreen	
Exterior Wall Finish (IBC 1407.2)	PVDF/Kynar 500®, Polyester, or Anodized MCM	

Performance:

System Performance (AAMA 508)	
• Air Leakage Testing (ASTM E283)	0.12 cfm / ft ² @ 1.57 psf
• Water Penetration Testing (ASTM E331)	Pass @ 6.24 psf
• Cyclic Air Pressure Differential (ASTM E1233)	Pass @ < 0.08 seconds
• Water Penetration Testing (AAMA 501.1)	Pass @ 6.24 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)	Meets Conditions of Acceptance