

System Properties

System Depth	1 7/8"	Testing	Result
Joint Width	½" (Nominal)	Air Infiltration @ 6.24psf	<0.04 cfm/ft ²
System Weight	1.85 lbs/ft ²	Water Resistance Test Pressure	15.00 psf
Aluminum Extrusion Alloy	6063 T6 (Painted lack)	Uniform Load Deflection	± 50 psf
Minimum Structural Substrate	16 ga Steel Studs	Uniform Load Structural	± 50 psf
Fastener	#12-24 Self-Drilling		
Joint Sealant	Dow Corning 795 or equal		

Sheet Properties

Property	Value
Thickness	4mm (0.157 inches)
Weight	1.12 lb/SF
Tensile Yield Strength (PSI)	6429
Tensile Strength (PSI)	6913
Elongation (%)	13.5
Specific Gravity	1.38
Flexural Elasticity (PSI)	5770 x 10 ³
Flexural Stiffness (PSI)	1.99 x 10 ⁹
Punching Shear Resistance (Maximum Load)	1920 lbs
Punching Shear Resistance (PSI)	4025
Deflection Temperature (°F)	231.8
Sound Transmission Coefficient	STC #26
Fire Hazard Classifications	
Flame Spread/Smoke Developed	0/0 per ASTM E84
Flash Temperature	716°F per ASTM D1929
Ignition Temperature	752°F per ASTM D1929
Rate of Burning	Classified as CC1 per ASTM D635
Evaluation Reports	City of Los Angeles
	ICC ES
	Miami Dade Notice of Acceptance
	Florida Building Code approval
	UL approval

(Values Assume 4mm Alpolic with a Polyethylene Core)

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NOW-3100 System