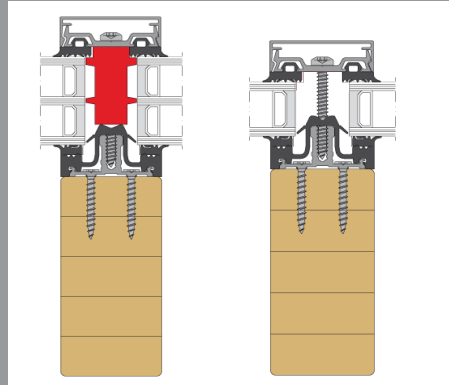




Window System: Lamboo® Vue™ Series Product
 Operation: Fixed (integrated operable elements are available)



Standard Features:

Fully engineered pre-fabricated system
 System depths based on span and windload requirements
 Composite thermally broken aluminum/wood construction
 Exterior aluminum snap covers with super durable powder coat finish
 Standard glass is 2 pane with high-performance Low E and argon

Options Available:

Exterior anodized or Kynar® finishes
 Interior Mullions: Lamboo® Engineered Laminated Bamboo
 Specialty glass options for sun protection, safety, or sound
 A variety of interior stain and paint finishes
 Integrated operable H Window elements for entrances or ventilation
 Foam spacers for added thermal performance

		Thermal Performance Values							
		Fixed Curtain Wall				Fixed Curtain Wall with foam spacer			
		U-value	SHGC	VT	CRF	U-value	SHGC	VT	CRF
Frame	2pn	0.28 (1.6)	-	-	-	0.24 (1.4)	-	-	-
	3pn	0.25 (1.4)	-	-	-	0.20 (1.1)	-	-	-
Glass	2pn	0.25 - 0.27	0.27 - 0.69	65 - 79	-	0.25 - 0.27	0.27 - 0.69	65 - 79	-
	3pn	0.12 - 0.13	0.24 - 0.56	47 - 70	-	0.12 - 0.13	0.24 - 0.56	47 - 70	-
Window*	2pn	0.30 (1.7)	0.33	63	68	0.29 (1.6)	0.33	63	68
	3pn	0.17 (1.0)	0.28	50	79	0.16 (0.9)	0.28	50	79
Proposed CW:		0.19 (1.1)	0.26	47	-	-	-	-	-
Glass: 3 pane 1-3/4"OA 6-12-6-12-6 with lowE SN-68 on SFC#2 with air fill and SS spacer									

* Total CW values based on calculations using standard glass with stainless steel warm edge spacer and argon fill. U-Values are in Btu/ft² hr °F (W/m² K). CW tested in accordance with AAMA 1503-98.

Structural Performance Values

Fixed

Operable Vents

Water Penetration Resistance*: ASTM E331, E547, 501.1-05	12 PSF (575 Pa)	12 PSF (575 Pa)
Uniform Load Deflection: ASTM E330 (L/175)	42 PSF (2000 Pa)**	50 PSF (2400 Pa)
Uniform Load Structural: ASTM E330 (L/1000)	63 PSF (3000 Pa)**	75 PSF (3600 Pa)
Air Leakage Resistance*: ASTM E283	@ 1.6 PSF (75 Pa): US = Pass CAN = A3 @ 6.3 PSF (300 Pa): US = Pass CAN = A3	@ 1.6 PSF (75 Pa): US = Pass CAN = A3 @ 6.3 PSF (300 Pa): US = Pass CAN = A3
Sound Transmission Data: EN ISO 140-3 / EN 13830 / EN ISO 717-1	R _w = 35 dB (Based on 2-pane glass 6-16-10)	
Forced Entry Resistance: ASTM F588-14	N/A	Gr.40
Thermal Movement: Thermal Coeff.: Wood/Lamboo = 2.22x10 ⁻⁶ /°F Aluminum = 12.7x10 ⁻⁶ /°F	ΔL per 10 ft length Wood @ ind. amb. temp: ΔL = 0.016 in Alum. @ ext. surf. temp: ΔL = 0.276 in	Outdoor Ambient Temp: -40°F to 110°F Indoor Ambient Temp: 30°F to 90°F Ext. Surface Temp: -40°F to 140°F (or 0°F to 180°F)
AAMA/WDMA Class:	Fully Engineered System	CW-PG50 to AW-PG70

*Test results are based on lab testing; AAMA reduction for field testing should be applied when tested in the field.

**Test data based on a full scale curtain wall mock-up 14' 9" (4500 mm) wide x 20' (6096 mm) tall, with 2" (50 mm) wide x 6-11/16" (170 mm) deep wood back members.