

VS/VSE/VSS Tested Performance Information					
Glass Description (VELUX Glazing Code)	Laminated (04)	Impact (06)	White- Laminated (08)	Snowload (10)	Laminated i89 (89)
Thermal Performance (All listed thermal performance values are NFRC certified)					
U-Factor (Btu/hr·ft ² ·°F)	0.43	0.41	0.43	0.42	0.38
SHGC	0.23	0.23	0.23	0.23	0.22
VT	0.53	0.53	0.47	0.52	0.52
UV Protection % (300-380 nm)	99.9	99.9	99.9	99.9	99.9
Fading Protection % Krochmann Damage Function (300-600 nm)	83.1	84.6	88.4	83.2	85.1
Accoustical Ratings					
STC (Sound Transmission Class)	33	n.r.	33	n.r.	33
OITC (Outdoor-Indoor Transmission Class)	28	n.r.	28	n.r.	28
Certified Air Infiltration/Exfiltration					
CFM/ft²	0.05	0.01	0.05	0.01	0.05
Certified Water Resistance					
Lbs/ft²	15	15	15	15	15
Certified Structural Performance (lbs/ft ²) Performance Grade or DP in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-17					
Tested Size	Negative Design Pressure - Uplift (Hurricane)				
S06	65	65	65	80	65
M08	105	65	105	150	105
C06	n.r.	n.r.	n.r.	150	n.r.
Tested Size	Positive Design Pressure - Download (Snowload)				
S06	300	200	300	800	300
M08	400	230	400	1150	400
C06	n.r.	n.r.	n.r.	1300	n.r.
Fall Protection Testing Results					
Tested Size	Testing is 200 lb sandbag dropped from indicated height to middle of glass without glass breakage.				
S06	1600 lbf-ft (8' drop)	1600 lbf-ft* (8' drop)	1600 lbf-ft* (8' drop)	n.r.	1600 lbf-ft* (8' drop)
M08	n.r.	n.r.	n.r.	n.r.	n.r.
Wind-Borne Debris Impact Ratings for Impact (06) Glazing					
Tested Size	Cycle Pressure (psf)	Missile Level	Maximum Wind Zone	Florida Product Approval	High Velocity Hurricane Zone
S06	+/- 50	C	3	Yes	No
M08	+/- 50	C	3	Yes	No
04 glass: Tempered with LoE 366 over clear laminated heat strengthened (0.030" interlayer)					
06 glass: Tempered with LoE 366 over clear laminated heat strengthened (0.090" interlayer)					
08 glass: Same as 04, with white interlayer					
10 glass: Tempered with LoE 366 over clear laminated tempered (0.030" interlayer)					
89 glass: Same as 04, with i89 coating on interior laminated surface					

* Indicates that the Laminated glass (04) test report should also cover this indicated glazing as it is equal to or stronger than the Laminated glazing
n.r. = No report

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