

Sliding Patio Systems Performance Data

Therma-Tru Product	Design Pressure Ratings	AAMA/WDMA 101/ I.S.2	Air Infiltration (scfm/ft2)	Water Resistance (psf)	Structural Load (psf)	Florida Building Code Approval Number
Vinyl Sliding Patio doors						
3066 LF/FR	DP 50	69207.01	0.01	7.50	±50	FL8500
5066 LF/FR	DP 35	67106.01	0.19	5.25	±35	FL7612
6066 LF/FR	DP 35	67106.01	0.19	5.25	± 35	
5066 LF/FR W/Stiffener	DP 50	67873.01	0.15	7.50	± 50	
6066 LF/FR W/Stiffener	DP 50	67873.01	0.15	7.50	± 50	
8066 LF/FR	DP 35	87112.01	0.14	5.25	±35	
9066 FLF/FRF	DP 45	66543.01	0.06	6.75	±45	

Energy Performance	U-Factor BTU/hrft ² ° F	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star	STC/OITC
Vinyl Sliding Patio doors					
Clear Without GBG's	.46	.61	.66	N/A	27/22
Clear With GBG's	.47	.54	.57	N/A	27/22
Low-E Without GBG's	.29	.29	.57	N/NC/SC/S	27/22
Low-E With GBG's	.31	.26	.50	N/NC/SC/S	27/22
Low-E 366 Without GBG's	.28	.22	.52	N/NC/SC/S	27/22
Low-E 366 With GBG's	.30	.20	.45	N/NC/SC/S	27/22

Design Pressure (Pounds per square foot) Determined by the lowest of the Air Infiltration, Water Resistance and Structural Load values

Air Infiltration (Standard cubic feet per minute per square foot) Tested in accordance with ASTM E283 at a test pressure of 1.57 psf.
Allowable air infiltration - 0.30 scfm/ft2
(Pounds per square foot) Tested in accordance with ASTM E547 at 5 gal/hr-ft2 - 4 five minute cycles. Allowable water penetration - none

Water Resistance

Structural Load (Pounds per square foot) Tested in accordance with ASTM E330 at 150% of design pressure

U-Factor (British Thermal Units per hour per square foot per degree's Fahrenheit) U-Factor determined in accordance with NFRC 100
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System U-Factor values are NFRC Certified

Solar Heat Gain SHGC determined in accordance with NFRC 200
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System SHGC values are NFRC Certified

Visible Light Visible Light Transmittance determined in accordance with NFRC 200
Tested by an NFRC accredited testing laboratory. All listed Therma-Tru Patio System VLT values are NFRC Certified

Energy Star N = Northern Climate Zone. NC = North Central Climate Zone. SC = South Central Climate Zone. S = Southern Climate Zone

Sound Transmission A measure representing resistance of noise transfer from one side of the door to the other

All listed as Certified Therma-Tru Patio Systems have been tested by an approved independent laboratory, comply with ANSI/AAMA/NWWDA 101/I.S.2 and are certified by an approved certification and inspection agency