

Therma-Tru PDF Hinged Patio Door

Configuration	Door Width	Door Height	Design Pressure psf	Air Infiltration scfm/ft2	Water Reistance psf	Structural Load psf	Performance Rating
LA / AR	2/6	6/6					
LA / AR	2/8	6/6					
LA / AR	2/10	6/6					
LA / AR	3/0	6/6					
LA / AR	2/6	6/8					
LA / AR	2/8	6/8					
LA / AR	2/10	6/8					
LA / AR	3/0	6/8					
AL / RA	2/6	6/6					
AL / RA	2/8	6/6					
AL / RA	2/10	6/6					
AL / RA	3/0	6/6					
AL / RA	2/6	6/8					
AL / RA	2/8	6/8					
AL / RA	2/10	6/8					
AL / RA	3/0	6/8					
LF / FR	2/6	6/6					
LF / FR	2/8	6/6					
LF / FR	2/10	6/6					
LF / FR	3/0	6/6					
LF / FR	2/6	6/8					
LF / FR	2/8	6/8					
LF / FR	2/10	6/8					
LF / FR	3/0	6/8					
FL / RF	2/6	6/6					
FL / RF	2/8	6/6					
FL / RF	2/10	6/6					
FL / RF	3/0	6/6					
FL / RF	2/6	6/8					
FL / RF	2/8	6/8					
FL / RF	2/10	6/8					
FL / RF	3/0	6/8					
LFF / FFR	2/6	6/6					
LFF / FFR	3/0	6/6					
LFF / FFR	2/6	6/8					
LFF / FFR	3/0	6/8					
FFL / RFF	2/6	6/6					
FFL / RFF	3/0	6/6					
FFL / RFF	2/6	6/8					
FFL / RFF	3/0	6/8					
FLF / FRF	2/6	6/6					
FLF / FRF	3/0	6/6					
FLF / FRF	2/6	6/8					
FLF / FRF	3/0	6/8					

Comments	U-Factor btu/hr sqft F	Solar Heat Gain Coefficient	Visible Light Transmittance	Energy Star	STC
French Inswing					
Clear Without GBG's	0.37	0.36	0.37	NC/SC/S	27
Clear With GBG's	0.37	0.30	0.31	NC/SC/S	27
Low-E Without GBG's	0.29	0.20	0.32	N/NC/SC/S	27
Low-E With GBG's	0.31	0.17	0.27	N/NC/SC/S	27
French Outswing					
Clear Without GBG's	0.37	0.37	0.38	NC/SC/S	27
Clear With GBG's	0.38	0.31	0.32	NC/SC/S	27
Low-E Without GBG's	0.30	0.20	0.33	N/NC/SC/S	27
Low-E With GBG's	0.31	0.17	0.28	N/NC/SC/S	27
Inswing					
Clear Without GBG's	0.35	0.35	0.37	N/NC/SC/S	27
Clear With GBG's	0.35	0.30	0.31	N/NC/SC/S	27
Low-E Without GBG's	0.27	0.19	0.32	N/NC/SC/S	27
Low-E With GBG's	0.29	0.16	0.27	N/NC/SC/S	27

Test Results Pending

- 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
- Water Resistance (Pounds per square foot) All listed Therma-Tru Patio Systems have been tested to Optional Higher Water Resistance Performance Levels
Tested in accordance with ASTM E547 at 5 gal/hr-ft2 - 4 five minute cycles. Allowable water penetration - none
- Structural Load (Pounds per square foot) All listed Therma-Tru Patio Systems have been tested to Optional Higher Uniform Structural Load Performance Levels
Tested in accordance with ASTM E330 at 150% of design pressure
- Operating Forces (Pounds Force) First value reports force to open / second value reports force to keep in motion
Allowable maximum operating forces - 30 / 20
- 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
All listed Therma-Tru Patio Systems exceed Energy Star requirements for all Climate Zones except for SPD with clear glass
- Sound Transmission Manufacturers estimated Sound Transmission Class values based on Independent Test Laboratory reports of similar Therma-Tru Patio Systems

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