Hinged Patio Systems Performance Data

	Therma-Tru Product	Design Pressure Ratings	AAMA/WDMA 101/ I.S.2	Air Infiltration (scfm/ft2)	Water Reisistance (psf)	Structural Load (psf)	Florida Building Code Approval Numbers
	Fiber-Classic and Smooth-Star Tru-Defense Hinged Patio doors†						
Inswing (I/S)	3068, L/R/F	DP-45	HGD-LC45-75x82	0.04	6.75	± 97.5	FL7752 FL8571
	6068, LF/FR/FL/RF/FF	DP-45	HGD-LC45-75x82	0.04	6.75	± 97.5	
	6068, LA/AR	DP-40	HGD-LC40-75x82	0.07	6.00	± 60.0	
	9068, FRF/FLF/RFF/FFL	DP-45	HGD-LC45-112x82	0.02	6.75	± 90.0	
	9068, LFF/FFR/FFF	DP-45	HGD-LC45-112x82	0.02	6.75	± 90.0	
	3080, L/R/F	DP-45	HGD-LC45-75x98	0.01	6.75	± 82.5	
	6080, LF/FR/FL/RF/FF	DP-45	HGD-LC45-75x98	0.01	6.75	± 97.5	
	6080, LA/AR	DP-40	HGD-LC40-75x98	0.09	6.00	± 60.0	
	9080, FRF/FLF/RFF/FFL	DP-45	HGD-LC45-112x98	0.02	6.75	± 82.5	
	9080, LFF/FFR/FFF	DP-45	HGD-LC45-112x98	0.02	6.75	± 82.5	
Outswing (O/S)	3066,3068, L/R/F	DP-60	SHD-LC60-112x82	0.01	12.00	± 90.0	FL9598
	6066,6068, LF/FR/FL/RF/FF	DP-60	SHD-LC60-112x82	0.01	12.00	± 90.0	
	6066,6068, AL/RA	DP-70	SHD-LC70-75x82	0.01	12.00	±105.0	
	9066,9068, FRF/FLF/RFF/FFL	DP-60	SHD-LC60-112x82	0.01	12.00	± 90.0	
	9066,9068, LFF/FFR/FFF	DP-60	SHD-LC60-112x82	0.01	12.00	± 90.0	
	30710,3080, L/R/F	DP-60	SHD-LC60-112x98	0.01	12.00	± 90.0	
	60710,6080, LF/FR/FL/RF/FF	DP-60	SHD-LC60-112x98	0.01	12.00	± 90.0	
	60710,6080, AL/RA	DP-50	SHD-LC50-75x98	0.01	12.00	± 75.0	
	9066,9068, FRF/FLF/RFF/FFL	DP-60	SHD-LC60-112x98	0.01	12.00	± 90.0	
	9066,9068, LFF/FFR/FFF	DP-60	SHD-LC60-112x98	0.01	12.00	± 90.0	

	Energy Performance	U-Factor BTU/hrft²°F	Solar Heat Gain Coefficient	Energy Star	STC/OITC
	Fiber-Classic and Smooth-Star Tru-Defense Hinged Patio doors				
	Low-E Without GBG's	0.28	0.20	N/NC/SC/S	26/24
	Low-E With GBG's	0.29	0.19	N/NC/SC/S	26/24
	PDF Hinged Patio doors				
	Clear Without GBG's	0.35	0.36	N/NC/SC/S	*26/24
	Clear With GBG's	0.35	0.36	N/NC/SC/S	*26/24
	Low-E Without GBG's	0.27	.019	N/NC/SC/S	*26/24
	Low-E With GBG's	0.27	.019	N/NC/SC/S	*26/24

† Multipoint lock must be selected to achieve the Certifed results

Design Pressure	(Pounds per square foot) Determined by the lowest of the 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
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
STC / OITC	*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/NWWDA 101/I.S.2 and are certified by an approved certification and inspection agency