

SERIES 8000 NON-IMPACT DESIGN PRESSURES & COMPARATIVE ANALYSIS
Multi Track, All Pocket, All Corner: 5'0" x 10'0" Panel

AAMA/NWWDA 101/I.S. 2-97		
Multi Track, All Pocket, All Corner		
Performance Ratings	Non-Reinforced	Aluminum Reinforced
5'0" x 10'0" Panel	HC-50	HC-70
	90° – Test No. NCTL-210-2966-5	90° – Test No. NCTL-210-2966-6
	135° – Test No. NCTL-210-2966-1	135° – Test No. NCTL-210-2966-2

		Panel Width					
		30"	36"	42"	48"	54"	60"
Non-Reinforced Multi Track By-Pass & PI All Corners	Panel Height 80"	+138/-166	+121/-145	+109/-131	+100/-121	+90/-108	+90/-108
	Panel Height 96"	+111/-133	+96/-115	+86/-103	+78/-94	+68/-82	+68/-82
	Panel Height 108"	+97/-116	+83/-100	+74/-89	+67/-80	+58/-69	+58/-69
	Panel Height 120"	+86/-103	+74/-88	+65/-78	+59/-70	+50/-60	+50/-60

		Panel Width					
		30"	36"	42"	48"	54"	60"
Reinforced Multi Track By-Pass & PI All Corners	Panel Height 80"	+194/-210	+169/-178	+/-114	+/-136	+/-124	+/-124
	Panel Height 96"	+156/-178	+135/-154	+/-119	+/-104	+95/-99	+95/-99
	Panel Height 108"	+135/-155	+117/-133	+/-108	+/-90	+81/-84	+81/-84
	Panel Height 120"	+120/-137	+103/-118	+91/-101	+/-81	+70/-80	+70/-80

All design pressures are calculated using 1/4" tempered glass

Water Test Results Sill Riser Height	Accomplished at Testing Laboratory (psf)	WinDoor's Expectations for Field Testing (psf)	Max Positive Pressure Limited by Water Test
1-1/2"	6.00	5.25	35.00
2-1/4"	9.00	7.50	50.00
3"	12.00	10.50	70.00
3-1/2"	15.80	13.00	86.67



SERIES 8000 NON-IMPACT DESIGN PRESSURES & COMPARATIVE ANALYSIS

WS & NS, 2T Doors: 5'0" x 10'0" & 4'0" x 10'0" Panels

AAMA/NWWDA 101/I.S. 2-97
Florida State Product Approval No. FL 5482.2

WS & NS, 2T Doors

Performance Ratings	Non-Reinforced	Aluminum Reinforced
5'0" x 10'0" Panel	HC-70 Test No. NTLA-687W	HC-105 Test No. CTLA-687W-1
4'0" x 10'0" Panel	HC-60 Test No. CTLA-698WR	HC-95 Test No. CTLA-698W-1R

		Panel Width					
		30"	36"	42"	48"	54"	60"
Non-Reinforced 2 Track Only Not Pocket Not Corner	Panel Height 80"	+/-142	+/-124	+/-112	+/-103	+/-97	+/-92
	96"	+/-114	+/-99	+/-88	+/-80	+/-74	+/-70
	108"	+/-99	+/-85	+/-75	+/-68	N/A	N/A
	120"	+/-87	+/-75	+/-66	+/-60	N/A	N/A

		Panel Width					
		30"	36"	42"	48"	54"	60"
Reinforced 2 Track Only Not Pocket Not Corner	Panel Height 80"	+/-189	+/-143	+/-126	+/-121	+/-118	+/-113
	96"	+/-174	+/-123	+/-105	+/-105	+/-105	+/-105
	108"	+/-157	+/-115	+/-95	+/-95	N/A	N/A
	120"	+/-139	+/-110	+/-95	+/-95	N/A	N/A

Water Test Results Sill Riser Height	Accomplished at Testing Laboratory (psf)	WinDoor's Expectations for Field Testing (psf)	Max Positive Pressure Limited by Water Test
1-1/2"	6.00	5.25	35.00
2-1/4"	9.00	7.50	50.00
3"	12.00	10.50	70.00
3-1/2"	15.80	13.50	90.00