Rolling Door Models 800/800C (3" Flat Slat/3" Insulated Slat/3" Curved Slat)

Updated: 10/24/2018

										ASCE 7-05			ASCE 7-10		
			Maximum Size				Approvals			3-Second Gust Basic Wind Speeds (MPH)[4]			3-Second Gust Ultimate Wind Speeds (MPH)[5]		
File Number	Positive Design PSF	Negative Design PSF	Width	Height	Minimum Steel Gauge	Revision #	FBC	MDNOA	TDI	Exposure B Mean Roof Height ≤ 30'	Exposure C Mean Roof Height ≤ 15'	Exposure C Mean Roof Height ≤ 25'	Exposure B Mean Roof Height ≤ 30'	Exposure C Mean Roof Height ≤ 15'	Exposure C Mean Roof Height ≤ 25'
1421.9	44.00	44.00	10'0"	24'0"	22	R5	FL-1421		N/A	165	150	140	210	190	180
1421.10[2]	47.00	47.00	10'0"	30'0"	22	R5	FL-1421	18-0815.09	N/A	170	155	146	220	200	190
8405-10[2]	31.00	31.00	13'4"	24'0"	22	R4	FL-8405		N/A	140	125	120	180	160	155
8405-11[2]	56.00	56.00	19'0"	24'0"	22	R4	FL-8405		N/A	185	170	160	240	220	210
8405-20[2]	47.00	47.00	22'0"	24'0"	22[6]	R4	FL-8405		N/A	170	155	150	225	200	190
8405-16[2]	31.00	31.00	16'0"	24'0"	22[6]	R4	FL-8405		N/A	140	125	120	180	165	155
1421.11	31.00	31.00	16'0"	24'0"	22	R5	FL-1421		N/A	140	125	120	180	165	155
1421.12	37.00	37.00	16'0"	24'0"	22	R5	FL-1421		N/A	155	140	130	200	180	170
1421.13[2]	47.00	47.00	16'0"	30'0"	22	R5	FL-1421	18-0815.07	N/A	175	155	150	225	205	195
8405-17[2]	47.00	47.00	17'6"	24'0"	22[6]	R4	FL-8405		N/A	175	155	150	225	205	195
8405-12[2]	53.00	53.00	19'9"	24'0"	22	R4	FL-8405		N/A	185	170	160	240	215	205
8405-13[2]	50.00	50.00	20'9"	24'0"	22	R4	FL-8405		N/A	180	165	155	235	210	200
8405-18[2]	37.00	37.00	20'6"	24'0"	22[6]	R4	FL-8405		N/A	155	140	135	200	180	170
8405-9[2]	37.00	37.00	12'0"	24'0"	22	R4	FL-8405		N/A	155	140	135	200	180	170
8405-5[2]	31.00	31.00	22'0"	24'0"	18[6]	R4	FL-8405		N/A	140	130	120	185	165	160
8405-19[2]	31.00	31.00	22'0"	24'0"	22[6]	R4	FL-8405		N/A	140	130	120	185	165	160
8405-1[2]	31.00	31.00	22'0"	24'0"	18	R4	FL-8405		N/A	140	130	120	185	165	160
8405-8[2]	37.00	37.00	22'0"	24'0"	20[6]	R4	FL-8405		N/A	155	140	135	200	180	170
8405-4[2]	37.00	37.00	22'0"	24'0"	18	R4	FL-8405		N/A	155	140	135	200	180	170
1421.14	37.00	37.00	22'0"	24'0"	22	R5	FL-1421		N/A	155	140	135	200	180	170
8405-15[2]	37.00	37.00	14'9"	24'0"	22[6]	R4	FL-8405		N/A	155	140	135	200	180	170
8405-14[2]	47.00	47.00	22'0"	24'0"	22	R4	FL-8405	Obsoleted	N/A	175	160	150	225	205	195
1421.15[2]	55.00	55.00	22'0"	30'0"	22	R5	FL-1421	18-0815.08	N/A	190	170	165	245	220	210
8405-3	37.00	37.00	28'0"	24'0"	18	R4	FL-8405		N/A	155	140	135	200	180	170
8405-7	37.00	37.00	28'9"	24'0"	20[6]	R4	FL-8405		N/A	155	140	135	200	180	170
8405-2	31.00	31.00	32'9"	24'0"	18	R4	FL-8405		N/A	140	130	120	185	165	160
8405-6	31.00	31.00	33'9"	24'0"	18[6]	R4	FL-8405		N/A	140	130	120	185	165	160
16628.1	31.00	31.00	22'0"	30'0"	22	R2	FL-16628		N/A	140	130	120	185	165	160
16628.2	37.00	37.00	22'0"	30'0"	22	R2	FL-16628		N/A	155	140	135	200	180	170
16628.3	47.00	47.00	22'0"	30'0"	22	R2	FL-16628		N/A	175	160	150	225	205	195
16628.4	55.00	55.00	22'0"	30'0"	22	R2	FL-16628		N/A	190	170	165	245	220	210

1. All doors tested for uniform static air pressure per ANSI/DASMA 108 or TAS 202 to test pressure of 1.5 x design pressure
2. Also tested for large missile impact and cyclic wind pressure per ANSI/DASMA 115 or TAS 201/203
3. FBC - Florida Building Commission, MDNOA- Miami-Dade Notice of Acceptance, TDI - Texas Department of Insurance
4. Above wind speeds based on ASCE 7-05 are applicable for doors installed on buildings with roof slope ≤ 10°. Wind speeds also applicable only to enclosed structures with an importance factor of 1.0 and assume a maximum of 2' of the door is located within the end zone of a structure. Consult a registered Architect or Structural Engineer for applicability for other project specific conditions.
5. Above wind speeds based on ASCE 7-10 with a maximum of 2' of the door is located within the end zone of a structure and a roof slope ≤ 10°. Consult a registered Architect or Structural Engineer for applicability for other project specific conditions.
6. Available only as insulated slat
7. FBC approved doors available as plain carbon steel or stainless steel
8. Wayne-Dalton rates all Rolling Steel Service Doors at 20 PSF minimum. Third party certified testing and approvals are complete for 31 PSF and above, up to 55 PSF