

HURRICANE RESISTANT PRODUCTS

Republic offers a wide variety of hurricane tested and certified door and frame products both as components and as complete assemblies. The following charts depict the Republic products tested along with the size and hardware configurations approved by the State of Florida for coastal areas subject to windstorms/hurricane force winds and debris.

Republic Windstorm Product Matrix (ANSI A250.13 Severe Windstorm Components for Swinging Door Assemblies)										
Design Pressure (psf)	Certification	Max. Size W x H	Doors			Type	Frames		Hardware	
			Model	Gage / Style	Swing		Gage / Construction	Wall Anchorage	Locks and Latches	Surface Bolts
+/- 114	FBC # FL4304	3'0" x 7'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 100	FBC # FL4304	3'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 80	FBC # FL8839	3'0" x 7'0"	DL & DM Series 2, 4 & 6 Panel Doors (Poly Core)	18 Embossed	Inswing & Outswing Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Safelok Card Lock Mortise Lock Cylindrical Lock	N/A
+/- 75	FBC # FL4304	4'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Mortise Lock Cylindrical Lock	N/A
+/- 60	FBC # FL7133	4'0" x 8'0"	DL Series (Honeycomb)	16 Full Louver (24" x 64")	Single	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	N/A
+/- 50	FBC # FL7175	12'8" x 10'4" Storefront w/8080 pair doors	DL Series (Honeycomb)	18 Full Glass (36" x 75") maximum	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) Welded Unit	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 90	FBC # FL4304	6'0" x 7'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 80	FBC # FL4304	6'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 60	FBC # FL4304	8'0" x 8'0"	DL Series (HC, Poly, Steel Stiffened Core)	18 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 60	FBC # FL7133	8'0" x 8'0"	DL Series (Honeycomb)	16 Full Louver (24" x 64")	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock Surface Vertical Rod	3/4" x 3/4"
+/- 70	FBC # FL7133	8'0" x 8'0"	DL Series (Honeycomb)	16 Flush	Pair	Outswing - Stiffness (classII) - 350 ft-lbs (impact)	16 - 5 3/4" (min depth) KD or Welded	Masonry T & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock	3/4" x 3/4"

Revised 8/09



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Republic Hurricane Matrix (Florida Building Code & Dade County TAS 201, TAS 202 and TAS 203 Assemblies)										
Design Pressure (psf)	NOA # / Expiration	Max. Size W x H	Doors			Frames		Hardware		
			Model	Gage / Style	Swing	Wall Anchorage	Locks and Latches	Surface Bolts	Gasketing	Threshold
+/- 90	FL3101-R1 HVHZ Approved	4'0" x 8'0"	DM Series (HC core)	18 Flush	Single	Masonry T & Wire, EOA P & D, Wood Stud	Best 93K (cyl.) Best 35H (mort) Yale 7150	N/A	Reese 897, 807C, 353A drip cap	Reese 550A w. TL7A hook
+/- 70	NOA Pending - 07-0124.04 FL7133 HVHZ Approved	4'0" x 8'0"	DL Series (HC & Poly core)	16 Flush	Single	Masonry T & Wire, EOA P & D, Wood Stud	Dorma ML9953D (mort) Dorma CL853D & CL753D Series (cyl) Dorma DB660D	N/A	NGP 5050B-20	NGP 803V
+/- 60	NOA Pending# 05-0706.04	4'0" x 8'0"	DL Series (HC core)	18 Flush	Single	Masonry T & Wire	Schlage L9000 (mort) ND Series (cyl) Precision HC2100 (Rim)	N/A	Pemko S88D	Pemko 2001
+/- 60	NOA Pending - 07-0124.04 FL7133 HVHZ Approved	4'0" x 8'0"	DL Series (HC core)	16 Full Louver (24" x 64")	Single	Masonry T & Wire, EOA P & D, Wood Stud	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR Air Louver 1500	N/A	NGP 5050B-20	NGP 803V
+/- 70	NOA Pending - 07-0124.04 FL7133 HVHZ Approved	8'0" x 8'0"	DL Series (HC & Poly core)	16 Flush	Pair	Masonry T & Wire, EOA P & D, Wood Stud	Dorma ML9953D (mort) Dorma CL853D & CL753D Series (cyl) Dorma DB660D Dlock	Rockwood 585 Surface Bolts	NGP 5050B-20	NGP 803V
+/- 60	NOA Pending # 05-0706.04	8'0" x 8'0"	DL Series (HC core)	18 Flush	Pair	Masonry T & Wire	Schlage L9000 (mort) ND Series (cyl) Precision HC2200 (SVR) Precision HC2100 (Rim)	Ives 360	Pemko S88D	Pemko 2001
+/- 60	NOA Pending - 07-0124.04 FL7133 HVHZ Approved	8'0" x 8'0"	DL Series (HC core)	16 Full Louver (24" x 64")	Pair	Masonry T & Wire, EOA P & D, Wood Stud	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR Air Louver 1500	Rockwood 585 Surface Bolts	NGP 5050B-20	NGP 803V

Orientation: Outswing

Frame Gage/Construction: 16 gage, 5-3/4" (minimum depth) KD or Welded

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Republic Doors and Frames

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