

HURRICANE/WINDSTORM RESISTANT PRODUCTS ASTM E330, ASTM E1886 AND ASTM E1996 (NON - HVHZ APPROVED)

TECHNICAL DATA SHEET No. 106

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.

Florida Building Code Assemblies										
Design Pressure (psf)	Listing Number	Max. Size W x H	Doors			Frames		Hardware		
			Swing	*Gage / Style	Model	Gage / Construction	Wall Anchorage	Locks and Latches	Surface Bolts	
Single	+/- 114	15868.1	3'0" x 7'0"	Outswing Single	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Surface Vertical Rod Mortise Lock Cylindrical Lock	N/A
	+/- 100	15868.1	3'0" x 8'0"	Outswing Single	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Surface Vertical Rod Mortise Lock Cylindrical Lock	N/A
	+/- 80	15871.1	3'0" x 7'0"	Inswing & Outswing Single	18 Flush or Embossed	DL Series (HC, Poly, SS Core) **Embossed HC Core Only	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 SafeLock Card Lock	N/A
	+/- 75	15868.1	4'0" x 8'0"	Outswing Single	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Surface Vertical Rod Mortise Lock Cylindrical Lock	N/A
	+/- 70	15869.1	4'0" x 8'0"	Outswing Single	16 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Surface Vertical Rod Mortise Lock Cylindrical Lock	N/A
	+/- 60	15868.1	4'0" x 8'0"	Outswing Single	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim Exit Surface Vertical Rod Mortise Lock Cylindrical Lock	N/A
	+/- 60	15869.2	4'0" x 8'0"	Outswing Single	16 Full Louver (24" x 64")	DL Series (HC, Poly Core)	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
	Pair	+/- 90	15868.1	6'0" x 7'0"	Outswing Pair	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim x Rim x Rem Mullion SVR x SVR Mortise Lock Cylindrical Lock
+/- 80		15868.1	6'0" x 8'0"	Outswing Pair	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim x Rim x Rem Mullion SVR x SVR Mortise Lock Cylindrical Lock	3/4" x 3/4"
+/- 70		15869.1	8'0" x 8'0"	Outswing Pair	16 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Surface Vertical Rod Mortise Lock Cylindrical Lock	3/4" x 3/4"
+/- 60		15868.1	8'0" x 8'0"	Outswing Pair	18 Flush	DL Series (HC, Poly, SS Core)	16 - 5 3/4" (min depth) KD or Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Rim x Rim x Rem Mullion SVR x SVR Mortise Lock Cylindrical Lock	3/4" x 3/4"
+/- 60		15869.2	8'0" x 8'0"	Outswing Pair	16 Full Louver (24" x 64")	DL Series (HC, Poly Core)	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"
+/- 50		15870.1	12'8" x 10'4" Storefront w/ 8080 pair doors	Outswing Pair	18 Full Glass (36" x 75") maximum	DL Series (HC, Poly Core)	16 - 5 3/4" (min depth) Welded	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Mortise Lock Cylindrical Lock SVR x SVR	3/4" x 3/4"

Poly = Polystyrene or Polyurethane
HC = Honeycomb
SS = Steel Stiffened

*Gage	SDI Level
18	Level 2
16	Level 3
14	Level 4

HURRICANE/WINDSTORM RESISTANT PRODUCTS TAS 201, TAS 202 AND TAS 203 (HVHZ APPROVED)

TECHNICAL DATA SHEET No. 106a

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.

Florida Building Code & Dade County Assemblies											
Design Pressure (psf)	Listing Number	Max Size W x H	Doors			Frames	Hardware				
			Swing	*Gage / Style	Model	Wall Anchorage	Locks and Latches	Surface Bolts	Gasketing	Threshold	
Single	+/- 80	FBC 15871.1 HVHZ Approved	3'0" x 7'0"	Inswing & Outswing Single	18 Flush or Embossed	DL Series (HC, Poly, SS Core) **Embossed HC Core Only	Masonry "T" & Wire, POA P & D, Snap-in POA	4 1/2" Hinge Dorma MLK9000 (mort) Safelok Card Lock Dorma CL853D Dorma CL753D & DB660D (cyl/DB)	N/A	N/A	NGP 803V
	+/- 75	NOA 12-0604.14 HVHZ Approved	3'0" x 7'0"	Outswing Single	16 Glazed (36" x 54")	DL Series (HC, Poly Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR	N/A	NGP 5050B-20	NGP 803V
	+/- 70	FBC 15869.1 HVHZ Approved	4'0" x 8'0"	Outswing Single	16 Flush	DL Series (HC, Poly, SS Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR	N/A	NGP 5050B-20	NGP 803V
	+/- 60	NOA 12-0601.21 / FBC 15869.2 HVHZ Approved	4'0" x 8'0"	Outswing Single	16 Full Louver (24" x 64")	DL Series (HC, Poly Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR Air Louver 1500	N/A	NGP 5050B-20	NGP 803V
	+/- 60	FBC 15868.2 HVHZ Approved	4'0" x 8'0"	Outswing Single	18 Flush	DL Series (HC, Poly, SS Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D or Schlage L900 Dorma CL753D & DB660D (cyl/DB) Dorma HCF 2100 RIM Dorma HCF 2200 SVR	N/A	Pemko S88	Pemko 2001
Pair	+/- 75	NOA 12-0604.14 HVHZ Approved	6'0" x 7'0"	Outswing Pair	16 Glazed (36" x 54")	DL Series (HC, Poly Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR x SVR	Rockwood 585 Surface Bolts	NGP 5050B-20	NGP 803V
	+/- 70	FBC 15869.1 HVHZ Approved	8'0" x 8'0"	Outswing Pair	16 Flush	DL Series (HC, Poly, SS Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR x SVR	Rockwood 585 Surface Bolts	NGP 5050B-20	NGP 803V
	+/- 60	NOA 12-0601.21 / FBC 15869.2 HVHZ Approved	8'0" x 8'0"	Outswing Pair	16 Full Louver (24" x 64")	DL Series (HC, Poly Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D (mort) Dorma CL753D & DB660D (cyl/DB) Dorma HCF 9400 SVR Air Louver 1500	Rockwood 585 Surface Bolts	NGP 5050B-20	NGP 803V
	+/- 60	FBC 15868.2 HVHZ Approved	8'0" x 8'0"	Outswing Pair	18 Flush	DL Series (HC, Poly, SS Core)	Masonry "T" & Wire, POA P & D, Snap-in POA	Dorma ML9953D or Schlage L900 Dorma CL753D & DB660D (cyl/DB) Dorma HCF 2200 SVR x SVR Dorma HCF 2100 RIM x RIM (w/ HC822 Mullion)	Ives 360 Surface Bolts	Pemko S88	Pemko 2001

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

Poly = Polystyrene or Polyurethane
HC = Honeycomb
SS = Steel Stiffened

*Gage	SDI Level
18	Level 2
16	Level 3
14	Level 4