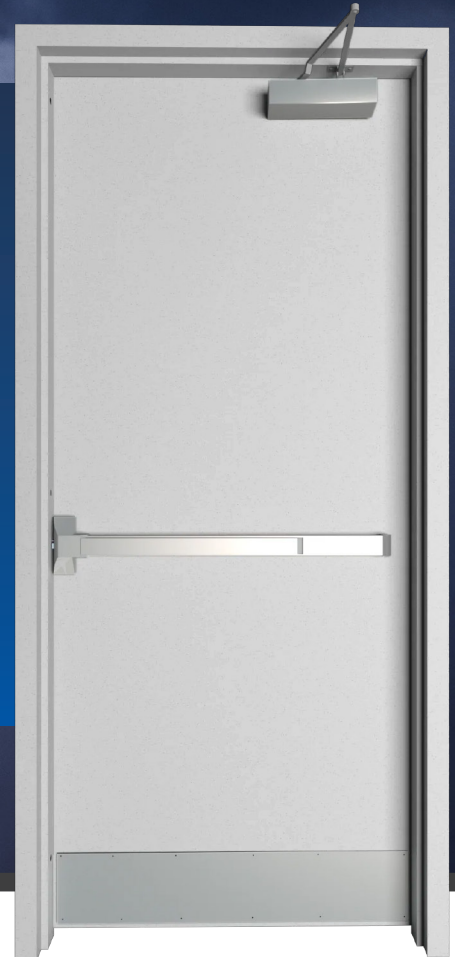


# WINDSTORM DOOR & FRAME ASSEMBLIES

**DESIGN  
PRESSURES  
+/- 40 PSF TO  
+/- 116 PSF**

**UP TO AND  
INCLUDING  
FULL GLASS  
AND FULL  
LOUVERS**

**UNLIMITED  
SIDELITE AND  
BORROWED  
LITE SIZES**



**PREMIER** STEEL  
DOORS  
AND  
FRAMES

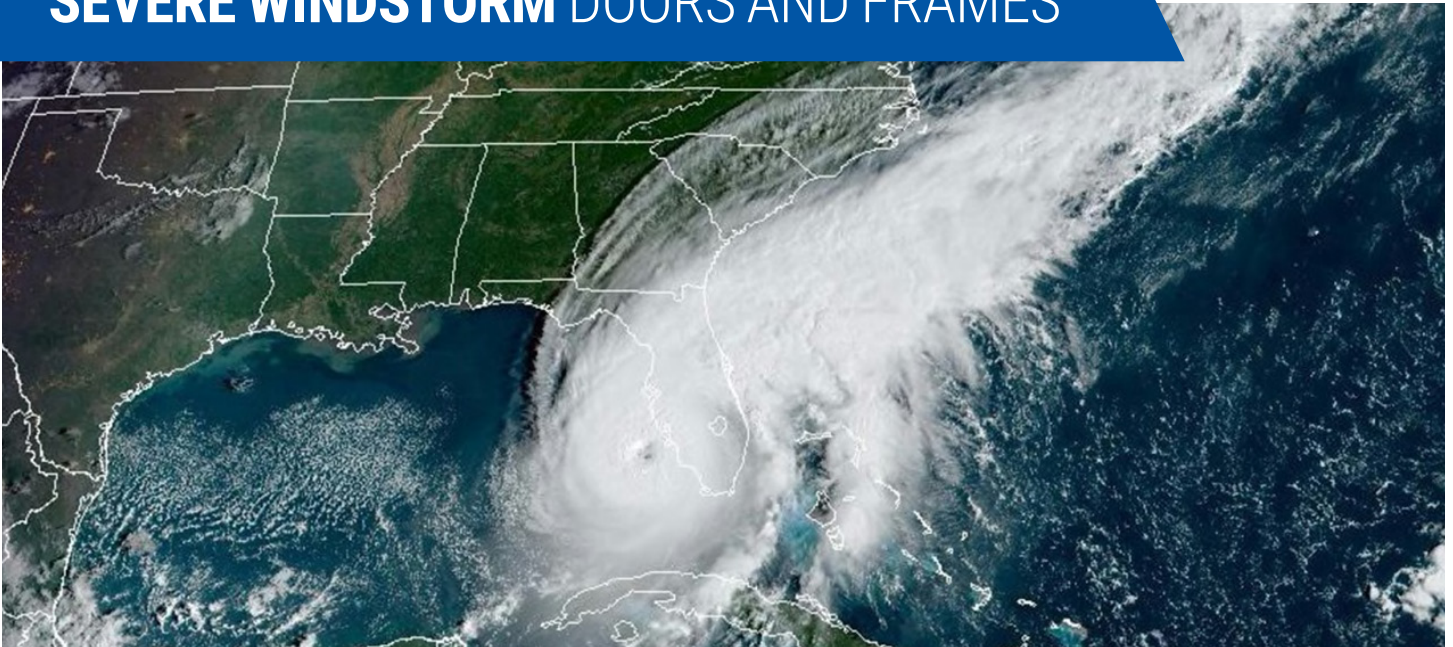


## WINDSTORM RATED DOORS AND FRAMES

Hurricanes and storms in the United States have been responsible for the tragic loss of life and billions of dollars in property damage. In response, building codes have been adopted to enhance the integrity of coastal region properties against these catastrophic events. Premier has tested and certified numerous door assemblies and applications to meet windstorm rating requirements called for in ANSI/SDI 250.13, ASTM E1886, ASTM E1996, ASTM E330, as well as Florida Building Code protocols TAS 201, 202, and 203. Premier door assemblies are FBC and TDI approved. Windstorm assemblies are certified and listed with both UL and NAMI.



# SEVERE WINDSTORM DOORS AND FRAMES



Premier hurricane-resistant products have been tested to wind load and impact requirements defined in the International Building Code (IBC) and the Florida Building Code (FBC) and have received approval by the Florida Building Commission and Texas Department of Insurance (TDI). Premier assemblies are tested for design pressures, impact resistance, glass and glazing materials, and specific commercial hardware applications.

## WINDSTORM DOOR FEATURES AND OPTIONS

### DOORS

- Design Pressure: +/- 40 PSF to +/- 116 PSF
- Singles - 3'0" x 7'0" to 4'0" x 8'0" available
- Pairs - 6'0" x 7'0" to 8'0" x 8'0" available
- Water Infiltration +/- 50 PSF to +/- 70 PSF
- Up to and including full glass and full louvers (23" x 63")

### FRAMES

- Single and paired openings up to 4'0" x 8'0" and 8'0" x 8'0"
- Transom options up to 8'0" x 9'4"
- Sidelight options up to 7'0" x "Unlimited"
- Sidelight/Transom options up to 116" x 112"

### HARDWARE OPTIONS

- Cylindrical Lock
- Mortise Lock
- Surface Vertical Rod
- Rim Exit Device - Mortise Lock/Card Lock
- Surface Bolts and ASA
- 4.5 Hinge
- Continuous Hinge

### CERTIFICATIONS

- UL and NAMI Certifications Standards
- ANSI A250.13
- ASTM E330/E1886/E1996
- TAS201, TAS202, TAS203



Premier Steel Doors and Frames offers a complete line of certified hurricane openings. The following charts show approval listings. All products are listed and approved per Florida Building Code (FBC) and Texas Department of Insurance (TDI).

## FLORIDA BUILDING CODE FL 17460-R3

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 50	Outswing	4'0" x 8'0"	Schlage ND Series	Pemko 181V, Pemko S88	S-18 Series Door F 16 Series Frame	Flush	Tapcon (5) Dynabolt Anchor (5) Masonry Wire and T (5)	No	FL 17460.1
+/- 65	Outswing	6'0" x 7'0"	Sargent 10 Line, Falcon MA Series Mortised Lockset w/deadbolt, Rockwood 580 Surface Bolts	NGP 200NA, Pemko S88, NGP 12135	S-18 Series Door F 16 Series Frame	Flush	Tapcon (4) Dynabolt Anchor (4) Masonry Wire and T (4)	No	FL 17460.2
+/- 50	Outswing	4'0" x 7'0"	Sargent 10 Line, Falcon MA Series Mortised Lockset w/deadbolt, Falcon 25R Rim Exit Device W/Schlage B600 Deadbolt	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S-18 Series Door F 16 Series Frame	Flush	Tapcon (4) Dynabolt Anchor (4) Masonry Wire and T (4)	No	FL 17460.3
+/- 50	Outswing	3'0" x 7'0"	Schlage D Series Cylindrical Lock Falcon MA Series Mortised lockset W/Deadbolt Falcon 25 R Series Rim Exit Device	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S 20 Series F 16 Series (Metal Building)	Flush	(4) Tapcon, Dynabolt, Masonry Wire and T or Metal Building Application	No	FL 17460.4
+/- 65	Outswing	4'0" x 8'0"	Hager Mortised Lock W/Deadbolt, 3800 Series Hager 2500 Series Cylindrical Lockset, 3100 Series Deadbolt Hager 780-224 Continuous Hinge	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S 18 Series F 16 Series	Flush	Tapcon (6) Dynabolt Anchor (6) Masonry T or Wire (6)	No	FL 17460.5

## TDI / FLORIDA BUILDING CODE FL 41788-R1

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 116	Outswing	3'0" x 7'0"	Corbin Russwin CL3300 Series W/DL3000 Deadbolt or Corbin Russwin ML2000 Series Mortise Lock	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (8) Ultracon (8) Masonry Wire and T (5)	Yes	FL 41788.27
+/- 100	Outswing	3'0" x 7'0"	DORMA 8400/9400 Series Surface Vertical Rods	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (8) Ultracon (8) Masonry Wire and T (5)	Yes	FL 41788.27

(continued)



# TDI / FLORIDA BUILDING CODE FL 41788-R1 (continued)

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 80	Outswing	3'0" x 7'0"	DORMA 8300 Series Rim Exit	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (6)	Yes	FL 41788.27
+/- 65	Outswing	3'0" x 7'0"	DORMA 9500 Series Mortise Panic Device	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (6)	Yes	FL 41788.27
+/- 80	Outswing	6'0" x 7'0"	DORMA 8400/9400 Series Surface Vertical Rods	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (5)	Yes	FL 41788.28
+/- 65	Outswing	6'0" x 7'0"	DORMA 8300 Series Rim Panics DORMA W/1300 Mullion	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (5)	Yes	FL 41788.28
+/- 80	Outswing	6'0" x 7'0"	Corbin Russwin CL3300 Series W/DL3000 Deadbolt or Corbin Russwin ML2000 Series Mortise Lock Hager 275 & 276	NGP 896 & 891 Pemko S88 NGP 5050	H 16 Series F 16 Series	Flush	Tapcon (8) Ultracon (8) Masonry Wire and T (5)	Yes	FL 41788.28
+/- 65	Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896, Pemko 2005V, NGP 95WHA	D-16 Series Door F 16 Series Frame (4" Head Option)	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (4) Dynabolt Anchor (6) Masonry Wire and T (6)	No	FL 41788.1
+/- 65	Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896, Pemko 2005V, NGP 95WHA	D-16 Series Door F 16 Series Frame with Transom*	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (8) Dynabolt Anchor (8) Masonry Wire and T (6)	No	FL 41788.2
+/- 65	Outswing	6'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design) 8" Surface Bolts	NGP 896, Pemko 2005V, NGP 95WHA	D-16 Series Door F 16 Series Frame	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (6) Dynabolt Anchor (6) Masonry Wire and T (6)	No	FL 41788.3
+/- 65	Outswing	6'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design) 8" Surface Bolts	NGP 896, Pemko 2005V, NGP 95WHA	D 16 Series F 16 Series With Transom*	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.4
+/- 65	Inswing/ Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With Transom*	Flush or Embossed	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.5 (FL 41788.8 = Impact)
+/- 55	Inswing/ Outswing	3'0" x 7'0"	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With Transom*	Flush or Embossed	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.5 (FL 41788.8 = Impact)
+/- 65	Inswing/ Outswing	3'0" x 7'0" Overall (Unlimited x 86")	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With SideLite*	Flush	Tapcon (8) Dynabolt Anchor	No	FL 41788.6



# TDI / FLORIDA BUILDING CODE FL 41788-R1 (continued)

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 55	Inswing/Outswing	3'0" x 7'0" Overall (Unlimited x 86")	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With SideLite*	Flush	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.6
+/- 65	Inswing/Outswing	3'0" x 7'0" Overall (78" x 112")	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.7 (FL 41788.9 = Impact)
+/- 55	Inswing/Outswing	3'0" x 7'0" Overall (78" x 112")	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, Columbia 2580	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	No	FL 41788.7 (FL 41788.9 = Impact)
+/- 80	Outswing	3'0" x 8'0"	X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (6)	No	FL 41788.10
+/- 55	Outswing	3'0" x 8'0"	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series	Flush	Tapcon (6) Ultracon (6) Masonry Wire and T (6)	No	FL 41788.10
+/- 45	Outswing	4'0" x 8'0"	X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series	Flush	Tapcon (5) Ultracon (5) Masonry Wire and T (6)	No	FL 41788.11
+/- 45	Outswing	4'0" x 8'0"	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series	Flush	Tapcon (5) Ultracon (5) Masonry Wire and T (6)	No	FL 41788.11
+/- 55	Outswing	4'0" x 7'0"	X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Flush	Tapcon (5) Ultracon (5) Masonry Wire and T (6)	No	FL 41788.12
+/- 55	Outswing	4'0" x 7'0"	99 Series Von Duprin Rim Panic	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Flush	Tapcon (5) Ultracon (5) Masonry Wire and T (6)	No	FL 41788.12
+/- 40	Outswing	3'6" x 7'0"	X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Up to half-glass & Louver 30 x 30 Air Louvers VLFIGHR	Tapcon (5) Ultracon (5) Masonry Wire and T (5)	No	FL 41788.13 (FL 41788.14 = Impact)
+/- 40	Outswing	3'6" x 7'0"	99 Series Von Duprin Rim Panic	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Up to half-glass & Louver 30 x 30 Air Louvers VLFIGHR	Tapcon (4) Ultracon (4) Masonry Wire and T (5)	No	FL 41788.13 (FL 41788.14 = Impact)
+/- 40	Outswing	3'6" x 7'0"	X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Bottom Louver 30 x 30	Tapcon (4) Ultracon (4) Masonry Wire and T (5)	No	FL 41788.15

# TDI / FLORIDA BUILDING CODE FL 41788-R1 (continued)

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 40	Outswing	3'6" x 7'0"	99 Series Von Duprin Rim Panic	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Bottom Louver 30 x 30	Tapcon (4) Ultracon (4) Masonry Wire and T (5)	No	FL 41788.15
+/- 55	Inswing/ Outswing	3'0" x 7'0"	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series (4" Head Option)	Flush or Embossed	Tapcon (6) Dynabolt Anchor (6) Masonry T (5)	Yes	FL 41788.16 FL 41788.17 = Outswing
+/- 70	Inswing/ Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series (4" Head Option)	Flush or Embossed	Tapcon (6) Dynabolt Anchor (6) Masonry T (5)	Yes	FL 41788.16 FL 41788.17 = Outswing
+/- 60	Inswing/ Outswing	3'0" x 7'0"	Onity Hotel Lock (CT, HT & Advance Series)	NGP 896 & 950 Pemko 2005V NGP 95WHA DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series (4" Head Option)	Flush or Embossed	Tapcon/XL (6) Dynabolt Anchor (6) Masonry T (5)	Yes	FL 41788.16 FL 41788.17 = Outswing
+/- 65	Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series (4" Head Option)	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon/XL (6) Dynabolt Anchor (6) Masonry T (5)	Yes	FL 41788.18
+/- 65	Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA	D 16 Series F 16 Series With Transom*	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon/XL (6) Dynabolt Anchor (6) Masonry T (5)	Yes	FL 41788.19
+/- 75	Outswing	8'0" x 8'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design) 8" Surface Bolts	NGP 896, Pemko 2005V, NGP 95WHA	D 16 Series F 16 Series	Flush or Full Louver 25.5" x 65.5" Air Louvers 1500	Tapcon (5) Dynabolt Anchor (5)	Yes	FL 41788.20
+/- 65	Outswing	6'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design) 8" Surface Bolts	NGP 896, Pemko 2005V, NGP 95WHA	D 16 Series F 16 Series	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (5) Dynabolt Anchor (5)	Yes	FL 41788.21
+/- 65	Outswing	6'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design) 8" Surface Bolts	NGP 896, Pemko 2005V, NGP 95WHA	D 16 Series F 16 Series With Transom*	Up to FG 22.5" x 62.5" Air Louvers VLFIGHR	Tapcon (6) Dynabolt Anchor (6)	Yes	FL 41788.22
+/- 65	Outswing	3'0" x 7'0"	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With Transom*	Flush or Embossed	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.23
+/- 55	Outswing	3'0" x 7'0"	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With Transom*	Flush or Embossed	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.23
+/- 65	Outswing	3'0" x 7'0" Overall (Unlimited x 86")	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite*	Flush	Tapcon (8) Dynabolt Anchor	Yes	FL 41788.24



## TDI / FLORIDA BUILDING CODE FL 41788-R1 *(continued)*

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Florida Building Code Approval Number
+/- 55	Outswing	3'0" x 7'0" Overall (Unlimited x 86")	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite*	Flush	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.24
+/- 65	Outswing	3'0" x 7'0" Overall (78" x 112")	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.25
+/- 55	Outswing	3'0" x 7'0" Overall (78" x 112")	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.25
+/- 65	Outswing	3'0" x 7'0" Overall (116" x 112")	Z & X Series Cylindrical Lock (Design) D Series Deadbolt (Design)	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.26
+/- 55	Outswing	3'0" x 7'0" Overall (116" x 112")	Schlage ND Series	NGP 896 & 950 Pemko 2005V NGP 95WHA Columbia 6510, DLP QOSH (For Water Infiltration)	D 16 Series F 16 Series With SideLite & Transom*	Flush	Tapcon (8) Dynabolt Anchor (8)	Yes	FL 41788.26

## TEXAS DEPARTMENT OF INSURANCE (TDI) DR-1259 & DR-1260

Design Pressure	Swing	Maximum Opening Size	Hardware	Perimeter Seals	Door & Frame Type	Flush - Glazed	Anchors Per Jamb	HVHZ	Texas Department of Insurance Approval Number
+/- 50	Outswing	4'0" x 7'0"	Sargent 10 Line, Falcon MA Series Mortised Lockset w/deadbolt, Falcon 25R Rim Exit Device	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S-18 Series Door F 16 Series Frame	Flush	Tapcon (4) Dynabolt Anchor (4) Masonry Wire and T (4)	No	DR-1259
+/- 50	Outswing	3'0" x 7'0"	Schlage D Series Cylindrical Lock Falcon MA Series Mortised lockset W/Deadbolt Falcon 25 R Series Rim Exit Device	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S 20 Series F 16 Series (Metal Building)	Flush	(4) Tapcon, Dynabolt, Masonry Wire and T or Metal Building Application	No	DR-1260
+/- 65	Outswing	4'0" x 8'0"	Hager Mortised Lock W/ Deadbolt, Hager 2500 Series Cylindrical Lockset, 3100 Series Deadbolt Hager 780-224 Continuous Hinge	Pemko 181V/2005V, Pemko S88, Pemko 315 BN	S 18 Series F 16 Series	Flush	Tapcon (6) Dynabolt Anchor (6)	No	DR-1259





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