TRADEMARK HARDWARE
WORLD OF QUALITY HARDWARE

Severe Windstorm Resistant Components for Swinging Door Assemblies
ANSI/SDI A250.13 - 2003 Standard

The following products have been approved for statewide acceptance by the Florida Building Commission pursuant to Rule 9B-72.090, F.A.C., for approval of products and systems for use on Exterior Swinging Door Assemblies, in compliance with the structural requirements of the **2010 Florida Building** Code. Verification of Florida Statewide acceptance can be found at www.floridabuilding.org under the Product Approval section.

Certified Hardware	Assembly Configuration	Door Size	Door Stiffness Class	Design Load	Florida Certification Number (FL#)
3100 Series Gr. 1 Deadbolt	Single - Out Swing	3-0 x 7-0	-	1150 lbf (100 psf)*	6118.1
	Single - Out Swing	4-0 x 8-0	-	1150 lbf (70 psf)*	
3200 Series Gr. 2 Deadbolt	Single - Out Swing	3-0 x 7-0	-	1150 lbf (100 psf)*	6118.2
	Single - Out Swing	4-0 x 8-0	-	1150 lbf (70 psf)*	
3400 Series Gr. 1 Lockset	Single - Out Swing	3-0 x 7-0	-	1150 lbf (100 psf)*	6118.3
	Single - Out Swing	4-0 x 8-0	-	1150 lbf (70 psf)*	
3500 Series Gr. 2 Lockset	Single - Out Swing	3-0 x 7-0	-	860 lbf (80 psf)*	7683.1
	Single - Out Swing	4-0 x 8-0	-	860 lbf (50 psf)*	
3800 Series Gr. 1 Mortise w/Deadbolt	Single - Out Swing	3-0 x 7-0	-	1150 lbf (100 psf)*	12932.1
	Single - Out Swing	4-0 x 8-0	-	1150 lbf (70 psf)*	
4500 Rim Exit Device	Single - Out Swing	4-0 x 8-0 max.	I	+/- 70 psf 350 ft-lbs Impact	9481.1
4500 SVR Exit Device	Out Swing	8-0 x 8-0 pair max.	I	+/- 50 psf 350 ft-lbs Impact	13178.1
4700 Rim Exit Device	Single - Out Swing	4-0 x 8-0 max.	I	+/- 40 psf 350 ft-lbs Impact	8293.1
780-112 Roton Hinge	Single Swing	4-0 x 8-0 max.	I	1150 lbf (72 psf)* 350 ft-lbs Impact	6118.4
780-111 SD & HD	Single Swing	4-0 x 8-0 max.	I	1150 lbf (72 psf)* 350 ft-lbs Impact	13776.3
780-224 SD &HD					13776.5
780-226 SD & HD					13776.6
BB1191 Hinge	Single - Out Swing	-	-	1780 lbf**	6118.5
1191 Butt Hinge	Single - Out Swing	-	-	1780 lbf**	13776.1
1279 Butt Hinge					13776.2
BB1279 Butt Hinge					13776.9
BB1168 Butt Hinge					13776.7
BB1199 But Hinge					13776.8

* Load in parenthesis indicates the equivalent load in pounds per square foot based on indicated door size and door stiffness (if applicable). This load is based on the hardware item taking half of the force applied to the door assembly by the wind load and the hinges taking the other half.

** This load indicates the design load for a single butt hinge. Maximum wind load should be calculated based on door size, number of hinges used, and the other available door hardware on the door assembly.

www.tmhardware.com 845-388-1300 845-388-1388 sales@tmhardware.com