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 2007 Florida Building Code. Verification of Florida Statewide acceptance can be found at www.floridabuilding.org under the Product Approval section.

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

| Certified Hardware | Assembly Configuration | Door Size | Door Stiffness Class | Design Load | Florida Certification Number (FL#) |
|---|---|---|---|---|---|
| 3100 Series Grade 1 Deadbolt | Single - Out Swing | 3-0 x 7-0 | - | 1150 lbf (100 psf)* | 6118 |
| | Single - Out Swing | 4-0 x 8-0 | - | 1150 lbf (70 psf)* | |
| 3200 Series Grade 2 Deadbolt | Single - Out Swing | 3-0 x 7-0 | - | 1150 lbf (100 psf)* | 6118 |
| | Single - Out Swing | 4-0 x 8-0 | - | 1150 lbf (70 psf)* | |
| 3400 Series Grade 1 Lockset | Single - Out Swing | 3-0 x 7-0 | - | 1150 lbf (100 psf)* | 6118 |
| | Single - Out Swing | 4-0 x 8-0 | - | 1150 lbf (70 psf)* | |
| 3500 Series Grade 2 Lockset | Single - Out Swing | 3-0 x 7-0 | - | 860 lbf (80 psf)* | 7683 |
| | Single - Out Swing | 4-0 x 8-0 | - | 860 lbf (50 psf)* | |
| 3800 Series Grade 1 Mortise | Single - Out Swing | 3-0 x 7-0 | - | 1150 lbf (100 psf)* | 12932 |
| | 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<br>350 ft-lbs Impact | 9481 |
| 4500 SVR Exit Device | Out Swing | 8-0 x 8-0 pair max. | I | +/- 50 psf<br>350 ft-lbs Impact | 13178 |
| 4700 Rim Exit Device | Single - Out Swing | 4-0 x 8-0 max. | I | +/- 40 psf<br>350 ft-lbs Impact | 8293 |
| 780-112 Roton Hinge | Single Swing | 4-0 x 8-0 max. | I | 1150 lbf (72 psf)*<br>350 ft-lbs Impact | 6118 |
| 780-111, 780-224, 780-226 Roton Hinge (SD & HD) | Single Swing | 4-0 x 8-0 max. | I | 1150 lbf (72 psf)*<br>350 ft-lbs Impact | 13776 |
| BB1191 Hinge | Single - Out Swing | - | - | 1780 lbf** | 6118 |
| 1279, 1191, BB1279, BB1168, BB1199 | Single - Out Swing | - | - | 1780 lbf** | 13776 |

* 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.