

## HURRICANE DOORS

All products comply with the 2020 edition of the Florida Building Code. All products may be classified as hurricane-resistant products, tested according to UL10B or UL10C standards. Products may have a fire resistance rating of up to three hours, except when glass is installed, which may be subject to limitations based on gauge, size, hardware, construction, etc. All products are impact-resistant and have passed large missile impact tests for levels D or E, as indicated, and are approved for use in Florida's high-velocity hurricane zone. Any Fortis product or component listed with wind-resistant locking and/or exit device hardware that meets the standards outlined in the following door matrix pages may be used in Florida, except for the prescriptive 150 PSF products with multi-point locking hardware.

### **Door Opening Size:**

All doors must have a thickness of 1-3/4" (44.5 mm). The width and height of the door opening must be as defined on the following pages and illustrations.

### **Construction:**

Each wind-resistant building product shall be constructed as detailed in the illustrations that follow. Doors over 3'-0" in width with an exit device must have a horizontal steel stiffener located at the centerline of the device, except for hurricane-resistant and 150 PSF doors. When the door height is over 7'-0", the design pressure exceeds 60 PSF, and the door has a mortise lock (single), vertical lock edge steel stiffeners, and special lock reinforcement are required for the prescriptive 150 PSF doors and 150 PSF doors with surface vertical rods. Special frame head reinforcement is required when surface vertical rods are applied to 150 PSF doors. 4'-0" x 8'-0" hurricane-resistant doors with rim exit devices shall have special internal reinforcement installed during production. Hurricane-resistant singles with glass are limited to mortise lock with deadbolt function, concealed vertical rods, surface vertical rods, or rim panics. Hurricane-resistant pairs with glass are limited to concealed vertical rods, concealed two-point rod locks, surface vertical rods, or rim exits. Special frame head reinforcements are required when surface or concealed vertical rods are applied vertically to hurricane-resistant doors with glass.

**Metal Gauges:**

Unless otherwise specified, metal gauges shall have the minimum thickness shown in the tables on pages 9-102 to 9-107. Hurricane-resistant doors are not available with 14-gauge front sheets.

**Glass Lights:**

Each wind-resistant building component, whether door or panel with glass lights, shall be constructed as shown on pages 9-118 to 9-122. Glazing shall be installed according to the installation instructions shown on pages 9-125 to 9-127.

**Peephole:**

Maximum diameter of cutout is 1". Only one peephole per door is allowed.

**Grilles:**

Each wind-resistant building component, whether door or panel with grilles, shall be constructed as shown on page 9-124.

**Storm Rating Label:**

Each wind-resistant building component shall bear a UL Solutions or Intertek/Warnock Hersey storm rating label.