

Missile Level E (80 FPS) Hurricane Resistant Assembly

Frequently Asked Questions

Q. What is Level E?

A. Level E is a higher large missile impact for facilities requiring enhanced impact protection typically used in Hospitals, emergency facilities, power generation facilities, and critical buildings for national defense). The Missile Level E impact is a 9lb. 2" X 4" shot at 80 ft/sec.

Q. How is Level E different than other hurricane impact resistant products?

A. The more common large missile impact is missile Level D. It is used for other than essential facilities that do not require enhanced impact protection. The Missile Level D impact is a 9 lb. 2" x 4" shot at 50 ft. sec.

Q. What door face types are available?

A. All doors are flush.

Q. What hardware is available?

A. The product can be supplied with the Corbin Russwin PED 5400 HC4 and the Sargent HC4-8700/HC4-PE8700 surface vertical rods, the Corbin Russwin MP6600 and the Sargent 7300 Mutli-point lock, and the Sargent 8200 Mortise lock. The 988 series of surface bolts and the Rockwood 556WS flush bolts are also available.

Q. Are the internal components of the multi-point locks factory installed?

A. Yes, the concealed rods and mortise lock cassette are factory installed.

Q. What are the design pressures?

A. The multi-point locks and the surface vertical rods have a design pressure of +/- 150 psf.
The mortise lock has a design pressure of +/- 70 psf.

Q. Can Level E products be used for Level D impact Resistance?

A. Yes, as noted above, the Level E impact has a higher impact speed than the Level D impact.

Q. Is the Level E product Certified?

A. Yes, the product has been certified by Underwriters Laboratories.

Q. Does the product have Florida Product Approval?

A. Yes, the Florida Product Approvals are FL32083 and FL32087 and are approved for use in the High Velocity Hurricane Zone of Miami-Dade and Broward Counties.