



Fire Rated and Impact Resistant Glass For Doors and Frames

Product Bulletin 05



Ceco Door has developed a new solution for openings to meet the strict Hurricane Codes. Ceco Door is pleased to announce doors and frames with impact resistant glass that are also fire rated. This new opening solution provides end users the flexibility to use glass in fire rated openings that will also comply with the requirements of impact resistance. The 3rd party certified impact resistant and fire rated glass is offered exclusively from ASSA ABLOY door group brands. Ceco Door will provide the glass with the doors and frames to help ensure that products provided to the project meet the code requirements. This "one stop shopping" saves time and hassles.

Design Pressure

- Up to and including +/- 70 PSF
- Florida Building Code # FL12537

Frame Types and Sizes

- Single Openings
- Paired Openings
- Sidelight and Transom Options
- Borrowed Light Options
- 13'6" x 8'4" in masonry and 12'0" x 8'4" in stud walls

Maximum Exposed Glass Area for Frames

- Up to and including 3,223 sq in. for 45 & 60 min. fire ratings
- Up to and including 3,078 sq in. for 90 min. fire ratings

Door Types and Sizes

- Legion Polystyrene
- Fuego Temperature Rise
- Medallion Steel Stiffened
- 3'0" x 8'0" Single and 6'0" x 8'0" Pair

Maximum Exposed Glass Area for Doors

- Up to and including 1,219 sq in. for 90 min. fire rating

Glass Type

The ASSA ABLOY Door Group in cooperation with Vetrotech Saint-Gobain have developed a range of multi-laminated glass products in large sizes. This technology makes the Ceco Door Fire Rated and Impact Resistant Doors and Frames with glazing possible. The Ceco Door Fire Rated and Impact Resistant Doors and Frames offer fire rated and hurricane impact resistant glass products, which are to be used in the most extreme exterior locations. The design is intended to be used in doors, sidelites, and select fixed frame assemblies, as well as a hurricane impact layer suitable for exterior applications. The slim profile of Keralite FR-ULTRA IGU HI also meets the requirements for Temp Rise Fire Rated Doors up to 90 minutes. These specialty engineered glass products provide thermal heat barrier properties for maximum fire protection combined with the HVHZ performance where mandated by the Florida Building Code (FBC).

With its approximate 83% visible light transmission, compositional versatility (can be produced with tinted or reflective glass), and covenant lead times, you'll discover Ceco Door's new fire rated and impact glass solution to be an innovative solution.

Visit www.cecodoor.com for more information about our impact resistant and fire rated openings.

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