

# E119 Fire Resistive Frame Solutions

## Frequently Asked Questions

**Q: What is the difference between fire resistive frames and fire protective frames?**

A: Fire protective frames with glass are tested to UL 9/NFPA 257 and may only be used for applications up to and including 45 minutes without a temperature rise rating. Fire resistive frames tested to ASTM E119, UL 263 or NFPA 251 may be used for applications requiring up to and including 3 hours with a temperature rise rating.

**Q: What is a fire resistive rated assembly?**

A: A fire resistive assembly is an assembly that prevents or significantly retards the passage of excessive heat, hot gasses or flames up to and including 3 hours.

**Q: Why are fire resistive assemblies required?**

A: Fire resistive assemblies are required in Chapter 7 of the International Building Code.

**Q: What glass can be used in the E119 frame assembly?**

A: The E119 frame and glass are tested as an assembly. Vetrotech Contraflam glass is the only brand of glass that may be used.

**Q: What hourly ratings are available?**

A: 60, 90, 120, and 180 minute ratings are available.

**Q: Why is there a 2 hour rated assembly?**

A: The building code considers the product to be a wall. One of the wall ratings is 2 hours.

**Q: Are installation instructions available?**

A: Yes, installation instructions are available and can be found on the Ceco website.

**Q: How are fire resistive assemblies shipped?**

A: Frames are shipped KD or welded and glazing is supplied loose for field installation.

**Q: Are frames primed or pre-finished?**

A: Frames may be ordered primed or pre-finished.

**Q: How is this product different from other common hollow metal fire rated frames with glazing?**

A: The E119 frame and Vetrotech glass have specific construction to produce a temperature rise rating of 250° as required by code and testing.

**Q: Why can't standard hollow metal frames be used?**

A: Standard hollow metal is tested to UL 9 and NFPA 257. Standard hollow metal does not have a temperature rise rating and does not meet E119 requirements.

**Q: Can frames be modified at a job site or a distributor's shop?**

A: No, there are no secondary manufacturing procedures for this product.

**Q: What doors may be used in an E119 transom/sidelight frame?**

A: Fire rated hollow metal or wood doors may be used, depending on the hourly rating of the frame.

**Q: Do 2 hour doors need to be used in the 2 hour assembly?**

A: No, the opening in an E119 frame is treated like the opening in a wall. A 90 minute door may be used in the 2 hour rated assembly.

**Q: What hardware is available?**

A: Exit devices, mortise and cylindrical locks, butt hinges, and surface mounted closers.

Ceco Door  
9159 Telecom Drive • Milan, TN 38358  
Tel (888) 232-6366 • Fax (888) 232-6462  
archhelp@cecodoor.com  
www.cecodoor.com

