

Fire Protective vs Fire Resistive

Know the Difference...



Fire Protective Frame and Glazing Systems NFPA 257/UL 9

- Sidelight and transoms limited to 45 minute fire ratings by code
- Will contain smoke and flame up to 45 minutes
- Does not block the transmission of radiant heat
- Cannot exceed 25% of the total wall area
- Size is limited to the individual and overall size of the tested system
- Combustible materials could ignite during a fire due to high radiant heat



Fire Resistive Frame and Glazing Systems ASTM E119/ UL 263

- Required by code for fire ratings of 60 minutes or greater
- Will contain smoke, flame, heat and gases up to 3 hours
- Blocks the passage of radiant heat and labeled with a 250 degree Fahrenheit temperature rise rating
- Meets the same requirements as a gypsum or CMU type wall with no limitation to overall unit size
- Large window walls can be utilized when natural light and daylighting are key design components
- Will limit combustible materials igniting due to the high radiant heat of a fire

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

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