

## Ratings and Certifications

Syntégra offers an extensive body of life-safety, fire, and smoke protection ratings in compliance with International Building Code (ICC) requirements in addition to the following:

- UL10B/UL10C – Fire Tests of Door Assemblies
- NFPA 252 – Standard Methods of Fire Tests of Door Assemblies
- UL305 (XT Series) – Standard for Panic Hardware
- CAN/ULC S104 – Standard Method for Fire Tests of Door Assemblies
- NFPA 80 – Standard for Fire Doors and Other Opening Protectives
- NFPA 101 – Life Safety Code
- UL1784 – Standard for Air Leakage Tests of Door Assemblies and Other Opening Protectives
- ICC ANSI A117.1 / ADA – Accessible and Usable Buildings and Facilities
- ANSI/BHMA A156.04 Door Controls-Closers
- ANSI/BHMA A156.22 Door Gasketing and Edge Seal Systems
- ANSI/BHMA A156.26 Continuous Hinges
- ADA – Compliance with the Americans with Disabilities Act
- LADBS - Los Angeles Department of Buildings and Safety Approved (LARR #26172)

	Maximum Opening	Maximum Rating*
<b>Singles</b>		
Honeycomb	4'3" X 8'2"	180 Min.
Steel Stiffened	4'3" X 9'0"	90 Min.
Temperature Rise 250	4'3" X 9'0"	90 Min.
Temperature Rise 250	4'0" X 8'0"	180 Min.
<b>Standard Pairs and Double Egress Pairs</b>		
Honeycomb	8'6" X 8'2"	180 Min.
Steel Stiffened	8'6" X 10'0"	90 Min.
Temperature Rise 250	8'6" X 9'0"	90 Min.
Temperature Rise 250	8'0" X 8'0"	180 Min.
<b>Hardware</b>		
XT,PX, LX Series	4'3" X 10'0" Leaf	180 Min.
FX Series	4'0" X 8'0" Leaf	180 Min.

\*Maximum fire ratings listed also include all lower level ratings. All fire and life-safety ratings achieved with top latching only, and fire pins are only required with single door and FX Series Pair applications.

All fire ratings include 18ga and 16ga door faces supplied in galvaneal steel or stainless steel materials.

Polystyrene cores are also available for non-rated applications.

Surfacequest finishes available on all door constructions and ratings referenced – consult factory for limitations.

IBC/NFPA 101 states that the maximum width of a swinging door leaf shall be 48 inches (1219 mm) nominal. Oversized doors are available with a signed authorization from the AHJ.