



 **SAFTIFIRST™**

Fire Rated Glazing and Framing
Solutions



SuperLite™ Fire Rated Glass

With over 30 years of experience in the high technology industry of fire-rated glass, SAFTI *FIRST* has remained a leader in clear, safety and fire-rated glass serving the architectural and building community. We offer a complete line of fire and safety rated glass products to architects and building professionals looking to create secure, clear view areas.



Fire Rated
Fire rated glazing



Radiant Heat
Protects against the effects of radiant heat



Green
Available in environmentally friendly and energy efficient make-ups



Impact Rated
Safety rated to CPSC Cat. II (400 ft. lbs.)



Thermal Shock
Survives thermal shock from sprinklers



Hose Stream
Passes hose stream test

Glazing

Features

Applications

SPECIALTY TEMPERED

SuperLite™ I



20 minute, CPSC Cat. II, clear specialty tempered glazing.

Fire protective doors and partitions.



Now available with Starphire® Ultra Clear Glass by PPG

SuperLite™ I-XL



20-60 minute, CPSC Cat. II, directional clear specialty tempered glazing with partial radiant heat protection.

Fire protective doors, sidelites, windows and transoms.

SuperLite I-XL does not meet ASTM E119 and requires AHJ approval for 45-60 minute applications. Please visit www.safti.com/AHJ for more information.

SuperLite™ I-XL IGU



20-60 minute, CPSC Cat. II, bi-directional clear specialty tempered glazing with partial radiant heat protection.

Fire protective doors, sidelites, windows and transoms.

SuperLite I-XL IGU does not meet ASTM E119 and requires AHJ approval for 45-60 minute applications. Please visit www.safti.com/AHJ for more information.

SPECIALTY FIRE PROTECTIVE

SuperLite™ X-90



90 minute clear, non-wired, and tint free glazing that meets all the fire and safety requirements for temperature rise doors.

90 minute temperature rise doors limited to 100 square inches.

SAFETY WIRED

SuperLite™ I^W



20-90 minute, CPSC Cat. II safety wired glazing.

Fire protective doors, sidelites, windows and transoms. 60-90 minute ratings are limited to 100 square inches in temperature rise doors and up to the maximum size tested in non-temperature rise doors.

CERAMICS

PYRAN® Platinum



20-90 minute, environmentally-friendly, ceramic glass free from tints and noticeable distortions without the added cost of polishing. No impact resistance.

Fire protective windows and transoms where human impact safety requirements do not apply.

PYRAN® Platinum F



20-180 minute, environmentally-friendly filmed ceramic glass free from tints and noticeable distortions without the added cost of polishing. Impact safety rated to CPSC Cat. II.

Fire protective doors, sidelites and windows where impact is a concern. 60-180 ratings are limited to 100 square inches in temperature rise doors and up to the maximum size tested in non-temperature rise doors.

PYRAN® Platinum L



20-180 minute, environmentally-friendly laminated ceramic glass free from tints and noticeable distortions without the added cost of polishing. Impact safety rated to CPSC Cat. II.

Fire protective doors, sidelites and windows where impact is a concern. 60-180 ratings are limited to 100 square inches in temperature rise doors and up to the maximum size tested in non-temperature rise doors.

TRANSPARENT WALL

SuperLite™ II-XL



45-120 minute, CPSC Cat. II, ASTM E119 tested, clear transparent wall glazing that blocks radiant heat transfer. Can be customized to include energy performance, noise abatement benefits, bullet resistance, hurricane resistance, and unlimited decorative options.

Fire resistive doors, windows, and wall assemblies.



Now available with Starphire® Ultra Clear Glass by PPG



GPX

Fire resistive, aluminum clad framing system available in multiple profiles. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar® 500 coatings, Valspar®, Decoral®, any species of wood veneer, ornamental metal, and many more.

Doors
Openings
Walls / Windows

HM

Fire protective hollow metal framing system available in multiple custom profiles. Frames are primed for painting (painting available upon request).

Doors
Openings

HMTR

Temperature-rise hollow metal framing system available in multiple custom profiles. Frames are primed for painting (painting available upon request).

Doors
Walls / Windows

Hurricane

Fire resistive, hurricane rated, aluminum clad framing system available in a 5 inch profile. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar® 500 coatings, Valspar®, Decoral®, any species of wood veneer, ornamental metal, and many more.

Doors
Openings
Walls / Windows

Ballistic

Fire resistive, ballistic rated aluminum clad framing system available in multiple profiles. Offered in standard and custom finishes, including powder coat, clear anodized, bronze anodized, black anodized, Kynar® 500 coatings, Valspar®, Decoral®, any species of wood veneer, ornamental metal, and many more.

Doors
Openings
Walls / Windows

CW

Fire resistive aluminum clad framing system available in multiple profiles for multi-story spans of glass.

Curtain Walls

Choosing Fire Rated Glass

Fire Protective



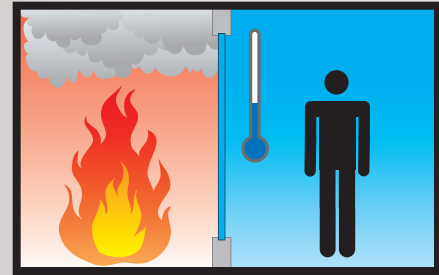
- Contains smoke and flames.
- 20 to 45 minute ratings limited to applications that are less than 25% of the wall area.
- 60 to 180 minute ratings limited to 100 sq. inches for use in temperature-rise doors.

Fire Protective - Heat Reflective



- Reflects dangerous radiant heat back towards the source.
- Provides partial radiant heat protection suitable for building exits and property lines.
- Does not meet ASTM E119 and requires AHJ approval for 45 and 60 minute applications. Please visit www.safti.com/AHJ for more information.

Fire Resistive



- Contains smoke, flames and blocks the passage of radiant heat.
- Limits the temperature-rise on the non-fire side to 250 F above ambient even when the other side reaches temperatures over 1800 F.
- Does not have the size limitations that fire protective products do.
- Can be used wall-to-wall and floor-to-ceiling when installed with an equally rated framing system.

SAFTI FIRST PRODUCTS

SuperLite I
PYRAN® Platinum
PYRAN® Platinum F
PYRAN® Platinum L
SuperLite I-W

SuperLite I-XL
SuperLite I-XLIGU

SuperLite II-XL

Radiant Heat Transmission Through Fire-Rated Glazing

