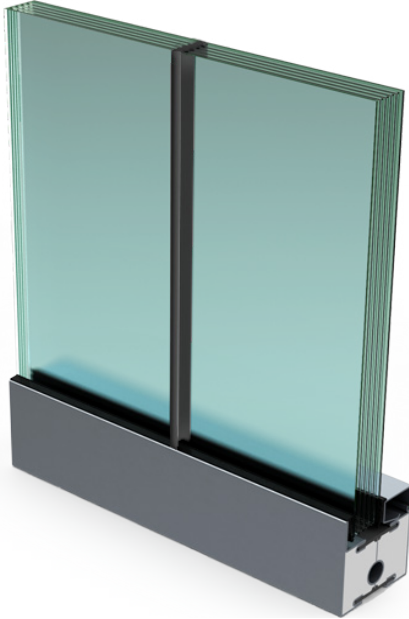


## GLAZED BUTT JOINT

Combining elegance with strength, the Steelfire STB80 Butt Joint system offers a lighter and more refined approach. Designed to minimize intermediate profiles, it maximizes the glazed surface area. This innovative system opens up a multitude of possibilities in design and architecture, creating luminous spaces with enhanced transparency while maintaining impeccable fire safety standards.

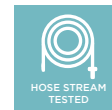


**FIRE RESISTIVE**  
Compartmentalize smoke and flames and block heat transfer

**intertek**  
ASTM E119 & UL 263

**Applus<sup>+</sup>**

### ATTRIBUTES



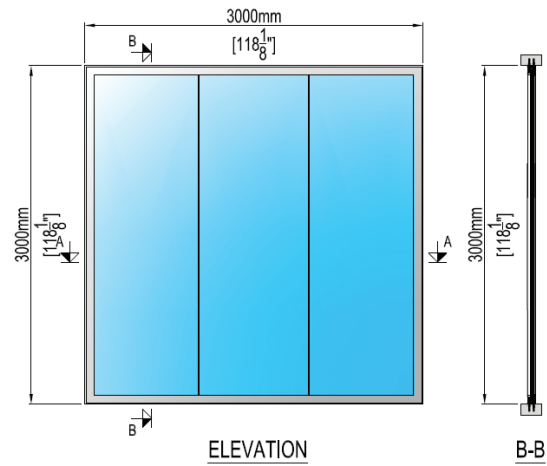
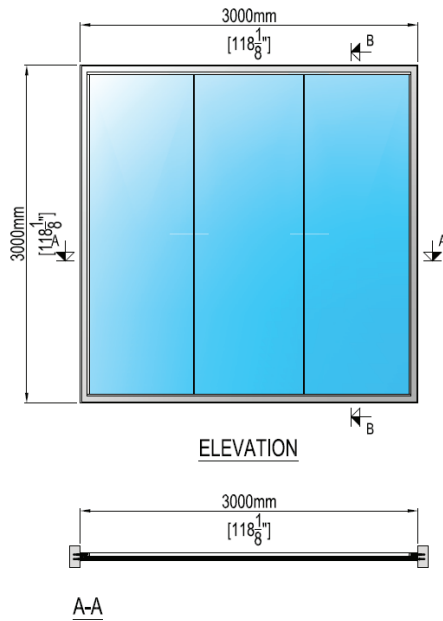
### FIRE RATING: 60/90/120 MIN

- Fire rating of 60, 90, & 120 minutes with required hose stream test.
- Glass edge to glass edge connection
- For interior application
- Possibility of creating 90 to 120 degree angles for glass corner joints
- Great acoustic insulation
- With a glass edge-to-edge gap of 4 to 6mm, the space is filled using structural silicone sealant in neutral, gray or black color options.
- Maximized glazing area from floor to ceiling
- Available in multiple configurations
- Compatible with any STB80 door system
- Frames can be supplied in either high-performance powder coat finishes or stainless steel with polished or brushed finishes
- Featuring exceptional transparency, the glass ensures a maximum light transmittance ranging from 75% to 82%.

FIRE RATING	MAXIMUM WIDTH	MAXIMUM HEIGHT	FIRE RATED GLASS THK.	MAXIMUM GLASS SIZE	MAXIMUM GLASS AREA
60 mins	Unlimited	3000mm (118-1/8")	27 to 30mm (1-1/16" to 1-3/16")	2890mm W x 2890mm H (113-3/4" W x 113-3/4" H)	4.09m <sup>2</sup> (44ft <sup>2</sup> )
90 mins	Unlimited	3000mm (118-1/8")	37.5 to 40mm (1-1/2" to 1-5/8")	2890mm W x 2890mm H (113-3/4" W x 113-3/4" H)	4.09m <sup>2</sup> (44ft <sup>2</sup> )
120 mins	Unlimited	3000mm (118-1/8")	54mm (2-1/8")	2890mm W x 2890mm H (113-3/4" W x 113-3/4" H)	4.09m <sup>2</sup> (44ft <sup>2</sup> )

Note: Individual Lite sizes cannot exceed the maximum glass sizes shown above. Glasses shown are single glazed. DGU glass thickness varies as it is dependent on the air space and outer pane requirements. Glass pane sizes cannot go beyond the maximum glass area (i.e., glass height can go up to 2890mm (113-3/4" H) but the total glass area cannot be more than 4.09m<sup>2</sup> (44ft<sup>2</sup>).

**STEELFIRE STB80 60/90/120 MIN**  
GLAZED BUTT JOINT



**EXAMPLE OF APPLICATION**

