



**TECFIRE**

safety is invisible



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

## CURTAIN WALL

With unmatched fire protection, thermal insulation, and resistance to wind suction, the Steelfire STB80 Curtain Wall system reigns as the ultimate choice for safeguarding large surface areas and building facades. It surpasses even the most demanding architectural requirements.



### FIRE RESISTIVE

Compartmentalize smoke and flames and block heat transfer

**intertek**  
ASTM E119 & UL 263

**Applus<sup>®</sup>**



### KEY FEATURES:

- Slim profiles with 50 mm (1.97") view
- Fire rating of 60, 90, & 120 minutes with required hose stream test
- Interior and exterior application
- Option for aluminum, galvanized or stainless steel cover caps
- For interior and exterior use.
- Great structural stability
- Compatible with any STB80 door or window system
- Compatible with non-fire rated curtain wall system for façade uniformity
- Largest glass surface area tested and certified
- Frames can be supplied in either high-performance powder coat finishes or stainless steel with polished or brushed finishes

| FIRE RATING | MAXIMUM WIDTH | MAXIMUM HEIGHT (BETWEEN SUPPORTS) | 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>)

[www.tecfire.com](http://www.tecfire.com)

**TECFIRE USA INC.**

**1-833-TECFIRE**

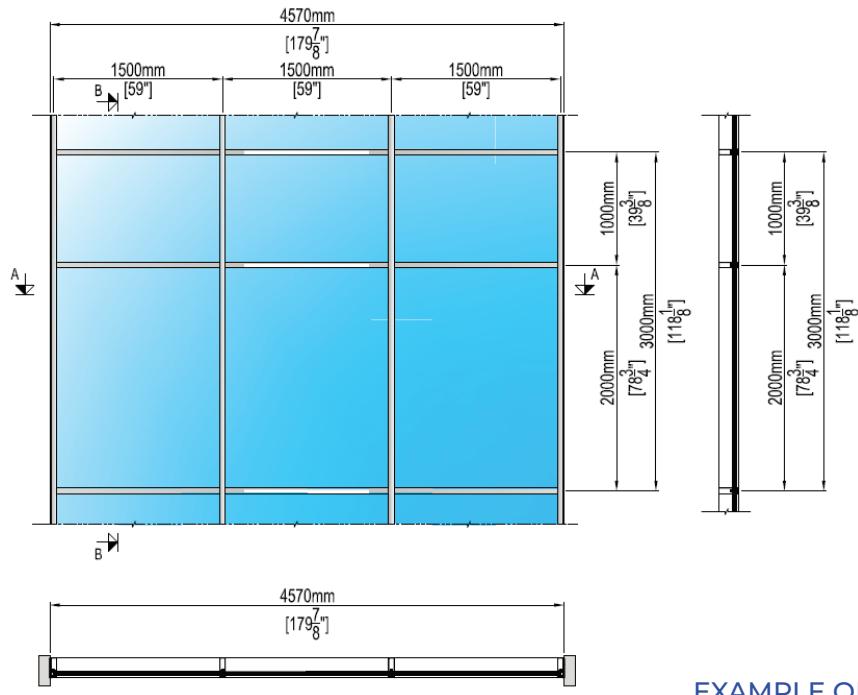


**TECFIRE**

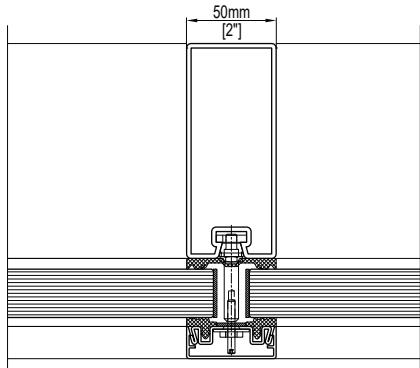
safety is invisible

**STEEFLIRE** **STB80**  
STEEL & STAINLESS STEEL SYSTEMS  
SERIES

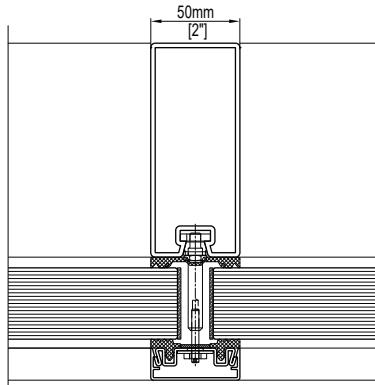
**STEEFLIRE STB80 60/90/120 MIN  
CURTAIN WALL**



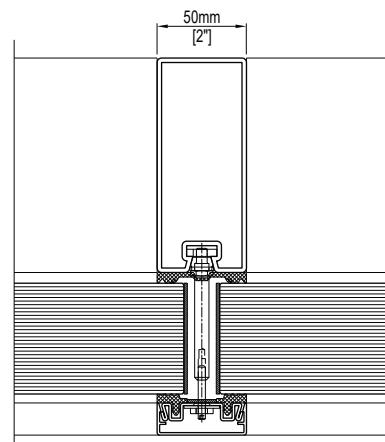
**EXAMPLE OF APPLICATION**



**60 MINUTES**



**90 MINUTES**



**120 MINUTES**

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Petroleum Institute Research Center



**FIRE RESISTANCE TEST**



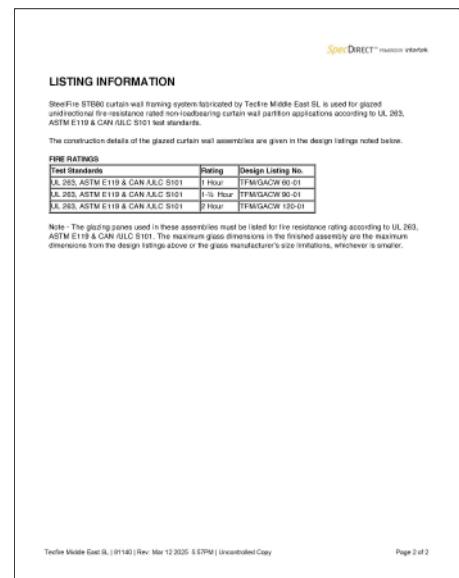
**HOSE STREAM TEST**



## Intertek ETL US Mark for Wall Assemblies

Standards: ASTM E119 (2020), UL 263:2011 Ed.14+R:14Mar2022

### CERTIFICATE OF COMPLIANCE



### LISTING

