

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⁺



FIRE RATING: 60/90/120 MIN



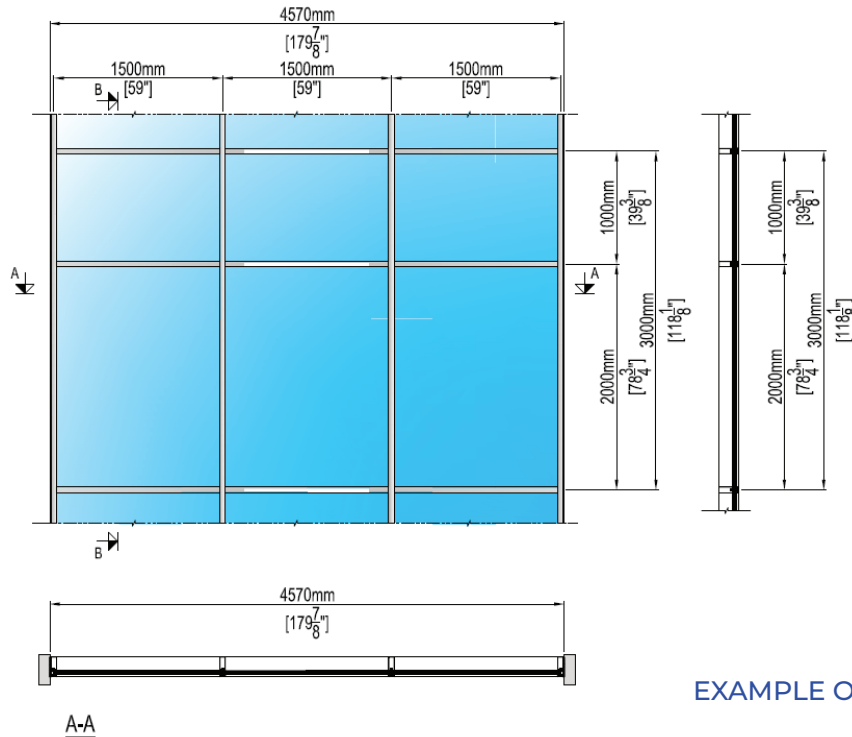
KEY FEATURES:

- 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

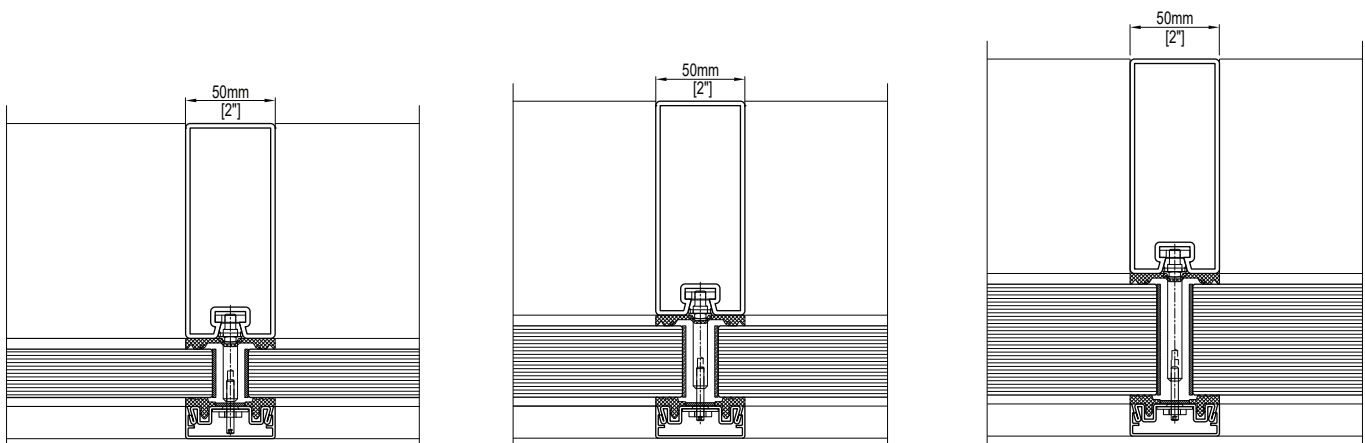
FIRE RATING	MAXIMUM WIDTH	MAXIMUM HEIGHT (BETWEEN SUPPORTS)	FIRE RATED GLASS THK.	MAXIMUM GLASS SIZE	MAXIMUM GLASS AREA
60 mins	Unlimited	3000mm (118-1/8")	27 to 30mm (1-1/16" to 1-3/16")	2890mm W x 2890mm H (113-3/4" W x 113-3/4" H)	4.09m ² (44ft ²)
90 mins	Unlimited	3000mm (118-1/8")	37.5 to 40mm (1-1/2"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

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 4.09m² (44ft²))

STEELFIRE STB80 60/90/120 MIN
CURTAIN WALL



EXAMPLE OF APPLICATION



60 MINUTES

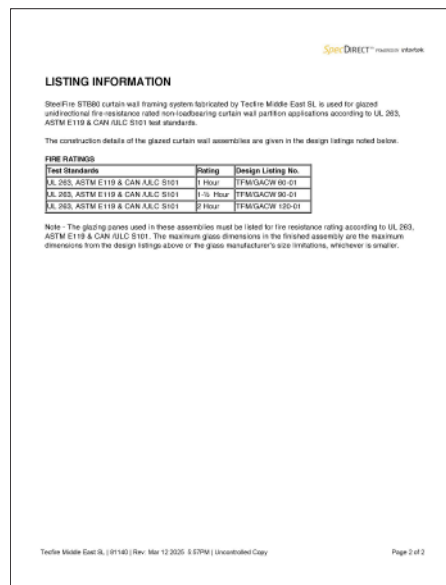
90 MINUTES

120 MINUTES



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

CERTIFICATE OF COMPLIANCE



LISTING

