



TECFIRE

safety is invisible



FIRE RATING: 60/90/120 MIN

FIXED WALL

Steelfire STB80 Fixed Wall system combines robustness and elegance. It has been meticulously designed and certified to maximize glazed areas while minimizing profile view and achieving impressive wall heights. With comprehensive fire performance even in extreme conditions, this system offers endless design possibilities.



FIRE RESISTIVE

Compartmentalize smoke and flames and block heat transfer

intertek

Applus[®]

ASTM E119 & UL 263



KEY FEATURES:

- Fire rating of 60, 90, & 120 minutes with required hose stream test
- Interior and exterior application
- Great acoustic insulation
- Robustly built and resiliently engineered
- Maximized glazing area from floor to ceiling
- Available in multiple configurations
- Compatible with any STB80 door or window system
- 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	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)

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TECFIRE USA INC.

1-833-TECFIRE

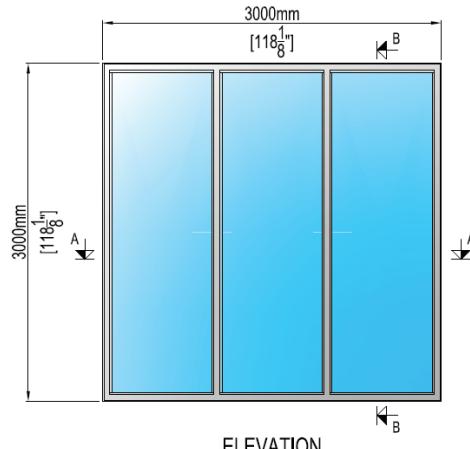


TECFIRE

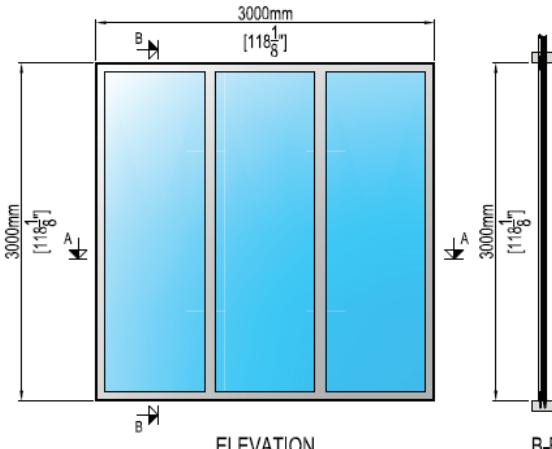
safety is invisible

STEELFIRE **STB80**
STEEL & STAINLESS STEEL SYSTEMS

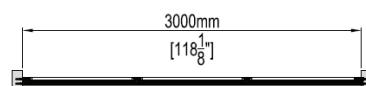
**STEELFIRE STB80 60/90/120 MIN
FIXED WALL**



ELEVATION

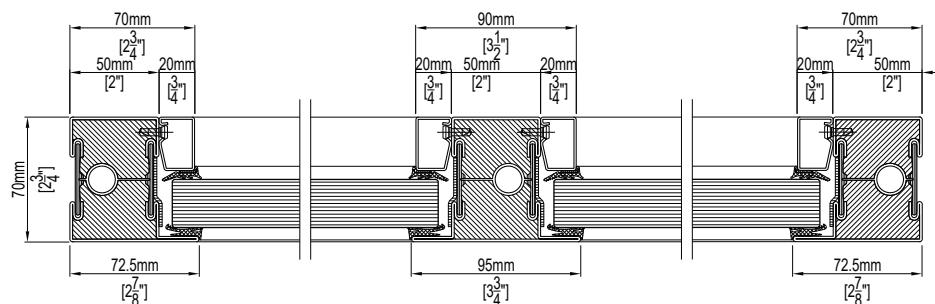


ELEVATION

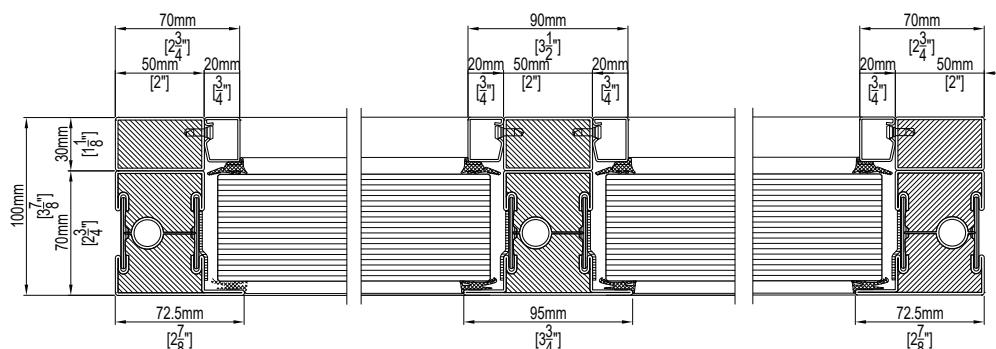


A-A

EXAMPLE OF APPLICATION



60/90 MINUTES



120 MINUTES

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Swarovski Store



FIRE RESISTANCE TEST



HOSE STREAM TEST



Intertek ETL US Mark for Partition

Standards: ASTM E119 (2020), UL 263:2011

CERTIFICATE OF COMPLIANCE

Intertek
Total Quality Assured

Certificate of Compliance

You have been awarded:
Intertek ETL US Mark for Partition
Servero: ASTM E119 (2020), UL 263:2011

Certificate number: WH03 27726701

Organization: Tecfire Middle East SL
Pol. Industrial Sector 9, Calle Ventorillo No. 1
Vinyols, 43529
Spain

Product: Tecfire - SteelFire STB80 Fixed Partition Assembly -
ASTM E119/UL 263
Size: 1000x2000 mm
Fire Rating: 2 Hour Fire Rating, 1-1/2 Hour Fire Rating
Last evaluation: See following pages

Certification body: Intertek Testing Services NA, Inc.
Initial registration: January 17, 2019
Date of expiry: December 31, 2025
Status: 7

Authorized by:
Jean-Pierre Key, Director of Certification
Intertek Testing Services NA, Inc.
541 E. Algonquin Road, Ste H, Arlington Heights, IL 60005 USA
Phone: 847-435-0007 | Fax: 847-435-7228

www.intertek.com

The certificate is issued for the above named assemblies to Intertek Testing Services NA, Inc. and is valid for the duration of the registration. The following Intertek Testing Services NA, Inc. and its authorized representative are granted the right to use the Intertek ETL US Mark for Partition on these assemblies. The Intertek ETL US Mark for Partition is granted for the following assemblies: Tecfire - SteelFire STB80 Fixed Partition Assembly -
ASTM E119/UL 263. The Intertek ETL US Mark for Partition is granted for the following fire resistance ratings: 2 Hour, 1-1/2 Hour, 1 Hour. The Intertek ETL US Mark for Partition is granted for the following maximum dimensions: 1000x2000 mm. The Intertek ETL US Mark for Partition is granted for the following maximum glass dimensions in the finished assembly: the maximum dimension from the design listings above or the glass manufacturer's size limitations, whichever is smaller. Note 1: The glazing panes used in these assemblies must be listed for fire resistance rating according to ASTM E119/UL 263. The maximum glass dimension in the finished assembly are the maximum dimension from the design listings above or the glass manufacturer's size limitations, whichever is smaller. Note 2: Butt-joint glazing details in the design listings are not applicable to T-Frame glazing panes from Tecfire.

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SpecDIRECT™ marks Intertek

LISTING INFORMATION

Steelfire STB80 fixed partition framing system fabricated by Tecfire Middle East SL is used for glazed fire-resistance rated non-loadbearing fixed partition applications according to ASTM E119 & UL 263 test standards.

The construction details of the glazed fixed partition wall assemblies are given in the design listings noted below:

FIRE RATINGS	Test Standards	Rating	Design Listing No.
	ASTM E119/UL 263	1 Hour	TFMF-GP 60-01
	ASTM E119/UL 263	1-1/2 Hour	TFMF-GP 60-01
	ASTM E119/UL 263	2 Hour	TFMF-GP 120-01

Note 1: The glazing panes used in these assemblies must be listed for fire resistance rating according to ASTM E119/UL 263. The maximum glass dimension in the finished assembly are the maximum dimension from the design listings above or the glass manufacturer's size limitations, whichever is smaller.

Note 2: Butt-joint glazing details in the design listings are not applicable to T-Frame glazing panes from Tecfire.

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LISTING

Report prepared for public access on 3/1/2023 1:43:50 AM

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Total Quality Assured

LISTING INFORMATION OF
Tecfire - SteelFire STB80 Fixed Partition Assembly - ASTM 119/UL 263
SPEC ID: 7021

Organization: Tecfire Middle East SL
Pol. Industrial Sector 9, Calle Ventorillo No. 1
Vinyols, 43529
Spain

Product: Tecfire - SteelFire STB80 Fixed Partition Assembly -
ASTM E119/UL 263
Size: 1000x2000 mm
Fire Rating: 2 Hour Fire Rating, 1-1/2 Hour Fire Rating
Last evaluation: See following pages

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FIRE RATINGS

Test Standards	Rating	Design Listing No.
ASTM E119/UL 263	1 Hour	TFMF-GP 60-01
ASTM E119/UL 263	1-1/2 Hour	TFMF-GP 60-01
ASTM E119/UL 263	2 Hour	TFMF-GP 120-01

Note 1: The glazing panes used in these assemblies must be listed for fire resistance rating according to ASTM E119/UL 263. The maximum glass dimension in the finished assembly are the maximum dimension from the design listings above or the glass manufacturer's size limitations, whichever is smaller.

Note 2: Butt-joint glazing details in the design listings are not applicable to T-Frame glazing panes from Tecfire.

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