



FIXED WALL

The Alufire AS85 Fixed Wall glass system seamlessly blends durability, sophistication, and top-tier fire safety. It's expertly engineered to maximize glazed space, minimize profiles, and reach remarkable wall heights. This system guarantees comprehensive fire protection even under extreme conditions, providing abundant design options while prioritizing your space's safety and security.



FIRE RESISTIVE
Compartmentalize smoke and flames and block heat transfer

intertek **Applus⁺**
ASTM E119 & UL 263



KEY FEATURES:

- Fire rating of 60 and 120 minutes
- Suitable for interior and exterior applications
- Excellent acoustic insulation
- Robust construction for durability
- Tested & certified under EN 1364-1
- Maximized glazing from floor to ceiling
- Available in multiple configurations
- Compatible with AS85 door or window systems
- Frames offered in high-performance powder coat or anodized finishes (normal, stainless steel effect, wooden effect)

FIRE RATING	MAXIMUM WIDTH	MAXIMUM HEIGHT	FIRE RATED GLASS THK.	MAXIMUM GLASS SIZE	MAXIMUM GLASS AREA
EI120	Unlimited	4000mm	49mm	1446mm W x 2706mm H	3.29m ²
EI120	Unlimited	4000mm	54mm	1400mm W x 2870mm H	4.02m ²

Note: Glass pane sizes cannot go beyond the maximum glass area (i.e., glass height can go up to 2870mm but the total glass area cannot be more than 4.02m²)

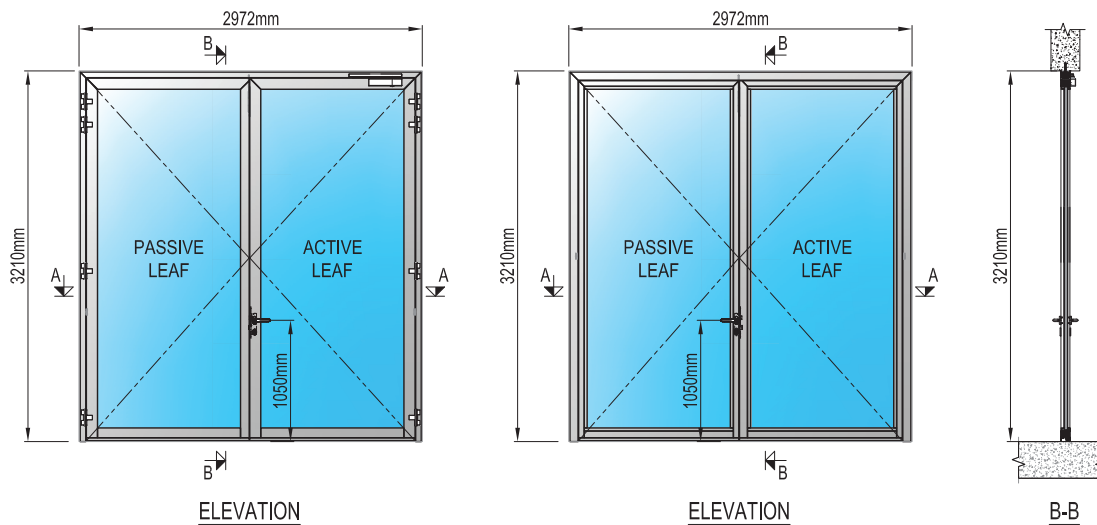


TECFIRE

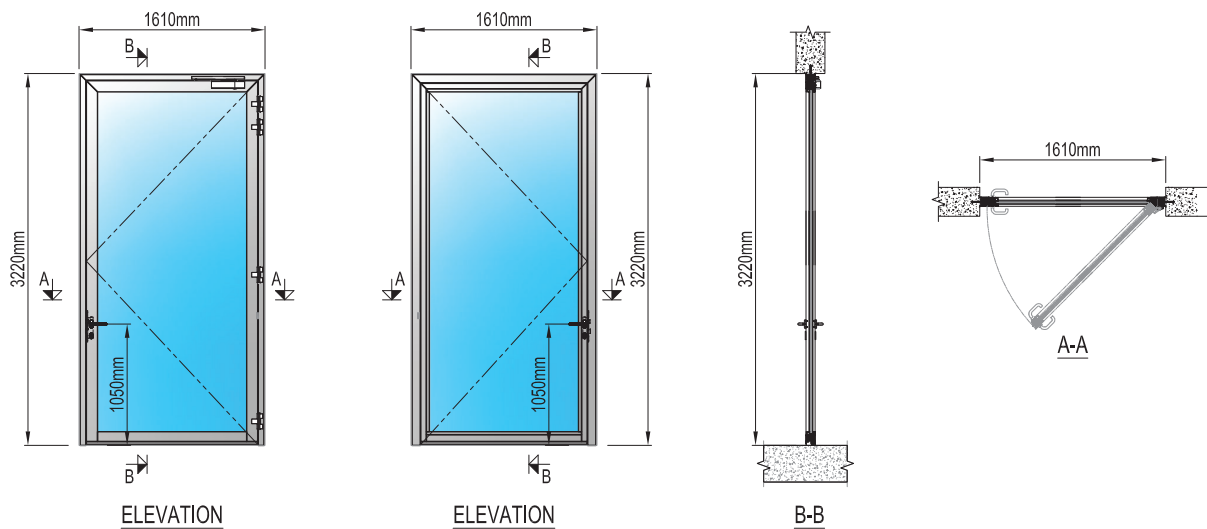
safety is invisible

ALUFIRE AS85
ALUMINUM SYSTEMS SERIES

ALUFIRE AS85 60MIN FIXED WALL



EXAMPLE OF APPLICATION



www.tecfire.com

 **TECFIRE USA INC.**

1-833-TECFIRE

DISCLAIMER: The information provided herein is for general references only and is subject to change without notice. Please visit www.tecfires.com for the most up to date information



Intertek ETL US Mark for Partition
Standards: ASTM E119 (2020), UL 263:2011



Burjeel Hospital

CERTIFICATE OF COMPLIANCE

Intertek
CERTIFICATE OF COMPLIANCE

This product was evaluated by Intertek ETL US Mark for Partition Standards: ASTM E119 (2020), UL 263:2011

Certificate number: 88423-2721705

Organization: Tecfire Middle East SL
Product: Tecfire AS85
Type: Fixed

Product: Tecfire - AlufireAS85 Fixed Partition Assembly - ASTM E119, UL 263
Date of issue: 15/05/2023
Date of expiry: 15/05/2025

Certification body: Intertek Testing Services NA, Inc.
Initial registration: February 20, 2024
Date of re-evaluation: November 21, 2024
Issue number: 2

TECFIRE
safety is invisible

Intertek Testing Services, Inc.
11111, Preston Road
Frisco, Texas 75034
Phone: 972-431-5800 Fax: 972-431-7300

www.intertek.com

Intertek Middle East SL | 11827 | Rev. Feb. 7/2020 | 7/2020 | Uncontrolled Copy Page 1 of 2

FIRE TESTING



LISTING INFORMATION

Alufire AS85 fixed partition having system fabricated by Tecfire Middle East SL, located for glass fire-resistance rated non-loadbearing fixed partition applications according to ASTM E119, UL 263 and EN 1364-1.

This construction details of the glazed fixed partition assembly are given in the design listing table below.

Test Standard	Rating	Design Listing No.
ASTM E119, E83	1 Hour Fire Resistance	FM-100-50-02
EN 1364-1	Integrity & Insulation 60 Minutes	

*Note: Maximum glass size of 1400mm wide x 2075mm high is applicable according to EN 1364-1

TECFIRE
safety is invisible

Intertek Middle East SL | 11827 | Rev. Feb. 7/2020 | 7/2020 | Uncontrolled Copy Page 2 of 2