



**AluFire AS85**  
Aluminum-Framed Glass Systems

**SteelFire STB80**  
Steel-Framed Glass Systems



SteelFire STB80 Pivot Door  
and Fixed Wall  
Louvre Museum Abu Dhabi

# 2025 FIRE-RATED GLASS SYSTEMS

## MANUFACTURER OF THE YEAR

Construction Business Review Magazine



Now available in  
true aluminum  
(not cladded)



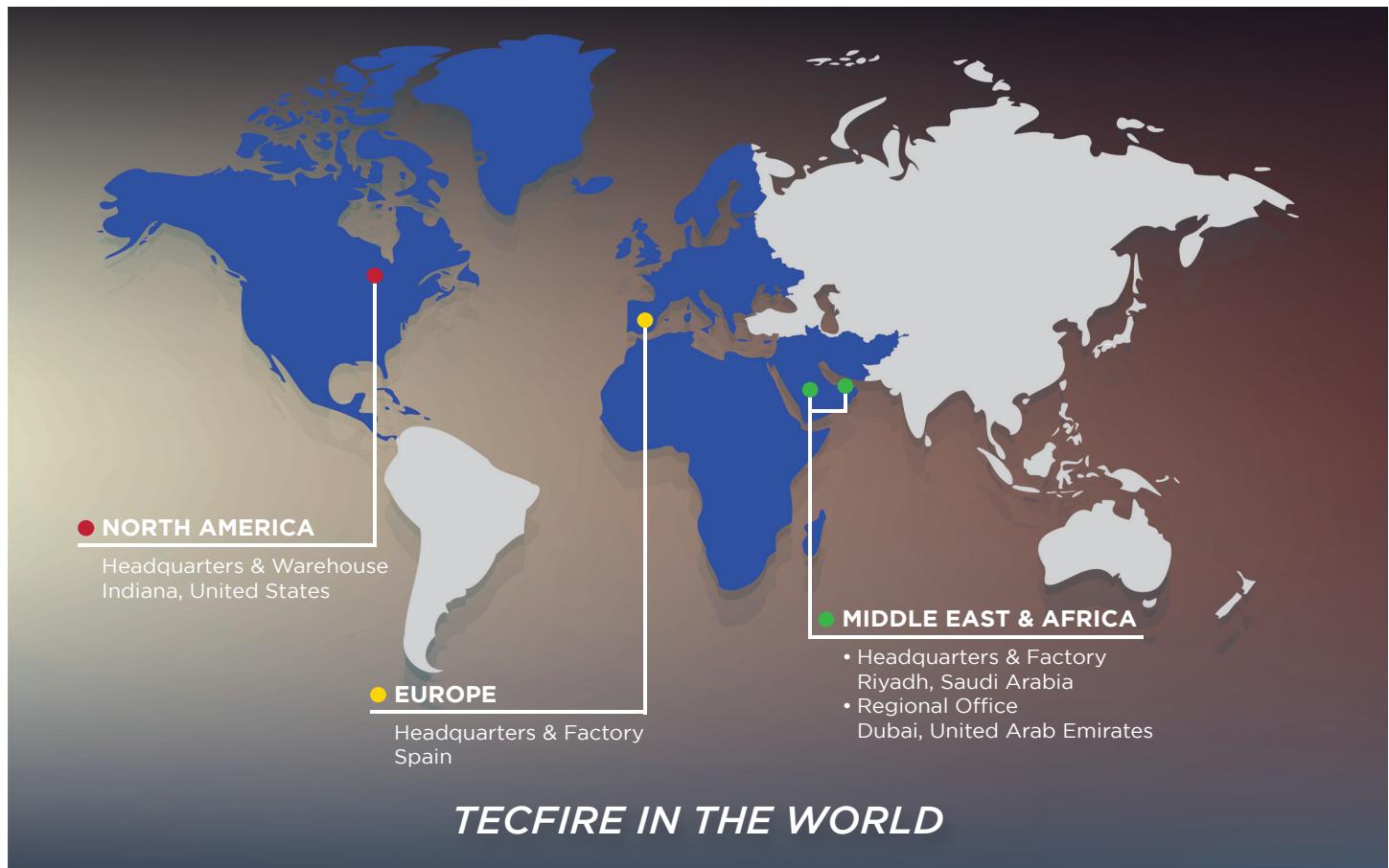
# ABOUT US

TECFIRE is a pioneering and highly specialized company in the **design, innovation, manufacturing, testing and certification of fire-rated glass systems.**

Founded in 1985 in Europe, TECFIRE has today become a leading international company operating across four key global regions. Our strategy is built on offering the widest and most innovative range of products, backed by the highest standards of quality and product certification.

With our state-of-the-art factories strategically positioned across **Europe and the Middle East, collectively encompassing over 80,000 square feet, and now expanding into North America**, our unwavering dedication lies in crafting premium fire-resistant glass solutions. Our presence in these key regions not only ensures proximity to vital markets but also highlights our global reach. This strategic positioning empowers us to deliver to our clients the upmost level of service, coupled with the most competitive prices available in the market.

TECFIRE has participated in over **6,000 projects worldwide** and have **over 5,000 satisfied clients**. We offer the widest range of innovative and fully tested and certified fire glass systems in the market.



# UNLEASHING UNRIValed FIRE SAFETY

TECFIRE's key competence is based on generating the highest level of safety



**MOST INNOVATIVE PRODUCTS IN THE INDUSTRY**



**40 YEARS OF EXPERIENCE – UP TO 10 YEARS PRODUCT WARRANTY**



**TRUE ALUMINUM EXTRUDED FRAME PRODUCTS**



**TRUE STEEL & STAINLESS-STEEL SLIMMER FRAME PRODUCTS**



**SAFETY – TEMPERATURE RISE RESTRICTION RATING (T) THROUGHOUT THE WHOLE DURATION**



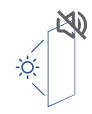
**THERMALLY BROKEN FRAMES**



**SHORT LEAD TIMES**



**EASY AND FAST INSTALLATION**



**UNRIValed LIGHT TRANSMISSION & OPTIMAL ACOUSTIC INSULATION**



**EXCELLENT CUSTOMER SERVICE**



**COMPETITIVE PRICING**

**4**

*Key Regions of Global Presence*

**150+**

*Internationally Certified Systems*

**2.6M+**

*ft<sup>2</sup> of FR Glass Systems Installed*

**1985**

*Year Established*

**6K+**

*Awarded Projects Worldwide*

**5K+**

*Global Clients*

# FIRE-RESISTIVE GLASS SYSTEMS

Introducing **Tecfire's AluFire and SteelFire Series**, a cutting-edge line of fire-resistant glazed systems engineered for the highest level of protection and performance. Designed for modern architectural demands, these series is available in both **steel-framed** and now in **pure aluminum (not cladded) framing**, offering enhanced design flexibility without compromising safety. These systems deliver up to **120 minutes of certified fire resistance** and are rigorously **tested to meet ASTM, NFPA, and UL standards**, including the critical hose stream test. Trusted by architects and builders worldwide, both seamlessly blends advanced fire protection with sleek, contemporary design.

## AluFire AS85

### True Aluminum-Framed Fire-Rated Systems

The next generation of aluminum fire-rated glazed systems, **Alufire** is designed to meet the demands of contemporary architecture. Unlike cladded systems, Alufire features **true aluminum profiles**, offering a sleek, modern appearance without compromising fire protection, up to 120 minutes of resistance.

Lighter in weight, these systems contribute to **faster installation** times while maintaining **certified fire performance** and compliance with North American standards.



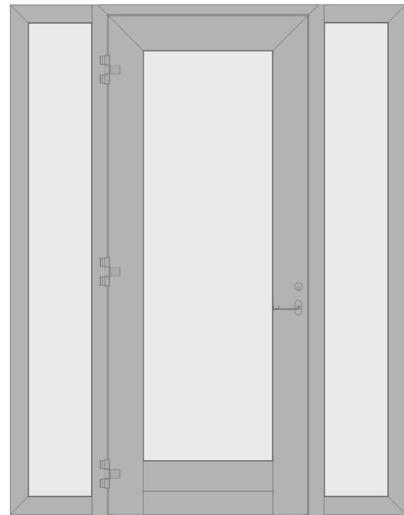
### Alufire AS85 Fixed Wall

Designed for performance and aesthetics, the Alufire AS85 Fixed Wall, a fire-rated storefront system for interior and exterior applications. Available in 60, 90, or 120-minute fire ratings. With versatile configurations and sleek finishes, it delivers both high performance and modern design.



### Alufire AS85 Hinged Door

The Alufire AS85 Hinged Doors feature sleek, thermally broken aluminum profiles with 45-, 60-, or 90-minute fire ratings. Available in both narrow and wide stile options, they are suitable for interior and exterior applications, delivering enduring durability with full-length extruded aluminum.



Tecfire's AluFire Aluminum-Framed Hinged Door **offers both narrow and wide stile options** to meet a variety of aesthetic and functional requirements.

Application example of Wide Style

# SteelFire STB80

## Steel-Framed Fire-Rated Systems

**Steelfire** represents Tecfire's advanced range of fire-rated glazed systems with **galvanized or stainless steel profiles**. Ideal for projects requiring both robust performance and refined aesthetics, Steelfire systems are engineered to deliver **superior fire resistance up to 120 minutes**, even under extreme conditions. Tested and certified for North American applications, Steelfire offers lasting durability and sophisticated design flexibility.



### Steelfire STB80 Pivot Door

Engineered with a modern pivot design, the Steelfire STB80 offers up to 90 minutes of fire resistance and is built with durable cold rolled steel. Its thermal break system supports excellent insulation, and the sleek steel profiles provide a refined aesthetic look.



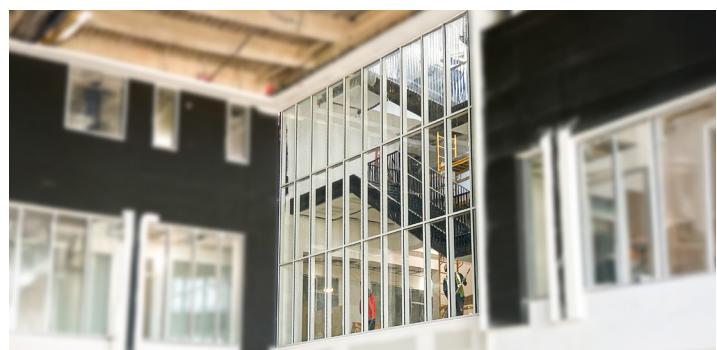
### Steelfire STB80 Hinged Door

Steelfire STB80 Hinged Door offers superior fire resistance (up to 90 minutes) and lasting durability. Featuring a thermal break system and sleek cold rolled steel profiles, it's designed for high-performance safety and modern aesthetic, ideal for interior or exterior use.



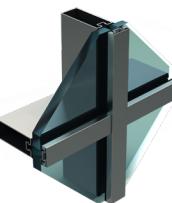
### Steelfire STB80 Storefront Butt Joint

The Butt Joint offers up to 120 minutes fire rating, boasting a 4mm ultra-thin joint between glasses for maximum transparency, elegance, and excellent acoustic performance. It features a thermally broken system and sleek perimetral framing for a refined, modern appearance.



### Steelfire STB80 Storefront (Fixed Wall)

Designed for expansive, uninterrupted views, the Fixed Wall system delivers up to 120 minutes fire protection while extending glass panels from wall to wall and floor to ceiling. It maximizes natural light inflow and creates an open, airy atmosphere ideal for contemporary architectural spaces.



### Steelfire STB80 Curtain Wall

With 1.97" slim profiles, 60-120 minutes fire rating, for both interior and exterior use. Choose aluminum, galvanized, or stainless steel caps. Exceptional structural stability, and thermally broken. Compatible with STB80 doors/windows. Certified for the largest glass surfaces. Frames in powder coat or stainless steel finishes.

# FEATURED PROJECTS IN NORTH AMERICA

TECFIRE's global footprint extends to over 6,000 projects around the world



**St. Olaf College**  
Minnessota



**International House**  
**New York University**  
New York City

AluFire (Aluminum-Framed)  
Aluminum 60 minute storefronts

SteelFire (Steel-Framed) 60  
minute doors and storefronts



**JFK Medical Center**  
New Jersey



**Federal Home Loan**  
**Bank Building**  
Indianapolis

SteelFire (Steel-Framed) 90  
minute doors and storefronts

SteelFire (Steel-Framed) 120  
minute fixed butt joint



**Child Development**  
**Center**  
Chicago Suburbs



**Straub Medical Center**  
Hawaii

AluFire (Aluminum-Framed) 60  
minute storefronts

SteelFire (Steel-Framed) 60  
minute doors and storefronts



**University of Texas**  
Texas



**IU Health Hospital**  
Indianapolis

SteelFire (Steel-Framed) 60  
minute rated doors, storefronts  
(exterior), and curtain walls  
(exterior)

SteelFire (Steel-Framed) 120  
minute rated storefronts



**T5 Data Center - Elk**  
**Grove**  
Illinois



**Barack & Michelle Obama**  
**School- St. Paul**  
Minnesota

SteelFire (Steel-Framed) 60  
minute rated doors and  
curtain walls

AluFire (Aluminum-Framed)  
doors and storefronts



**IPG Mediabrand's Office**  
**Buildings**  
Los Angeles



**C Roberson High School,**  
**Jamesstown**  
North Carolina

SteelFire (Steel-Framed) 60  
minute rated Steel doors

AluFire (Aluminum-Framed) 45  
minute doors and 60 minute  
rated storefronts



**Buffalo-Hanover-Montrose**  
**School, Buffalo**  
Minnesota



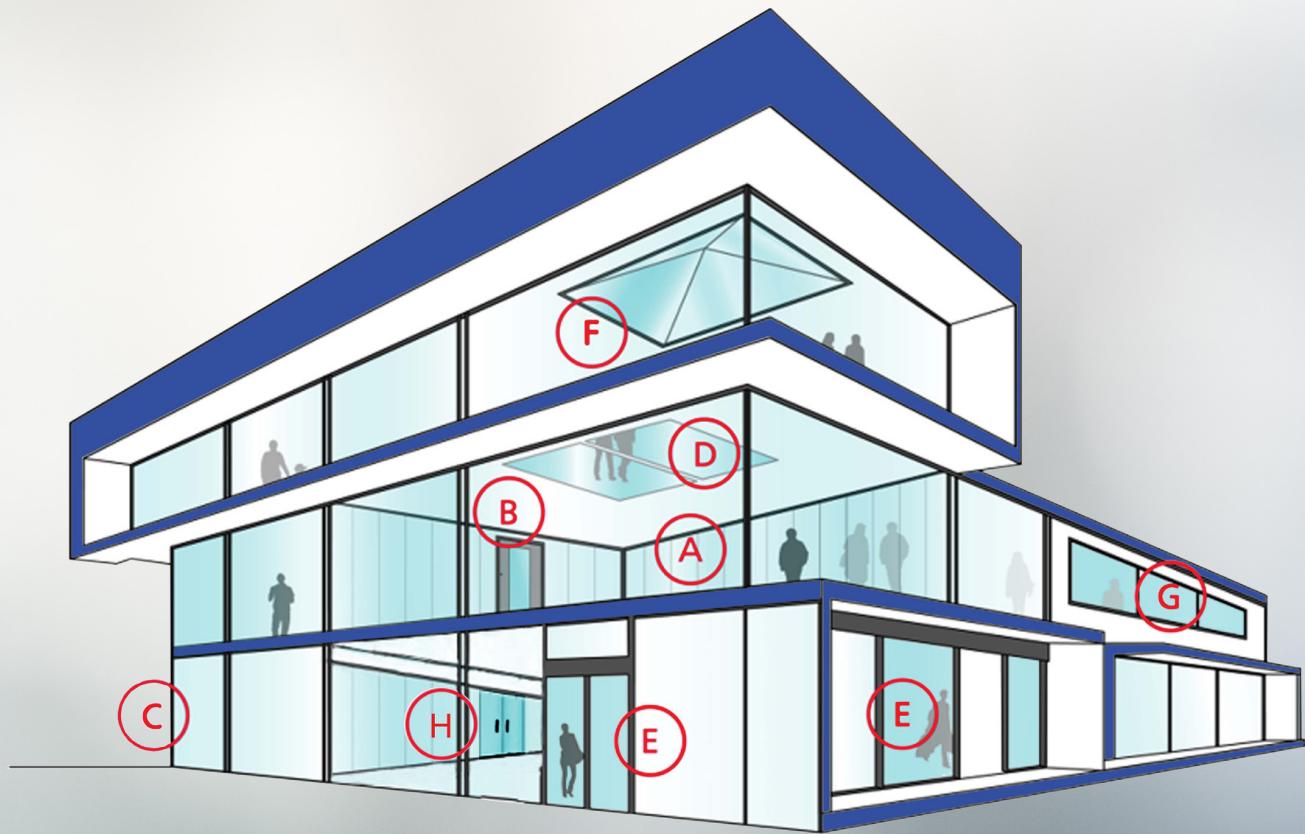
**Indian Creek**  
**High School**  
Illinois

AluFire (Aluminum-Framed)  
120 minute rated storefronts

SteelFire (Steel-Framed) 120  
minute rated steel curtain  
walls and 120 minute rated  
storefronts

## One source, all solutions.

- A** Fire-rated Glazed Fixed Partitions
- B** Fire-rated Glazed Hinged & Swing Pivot Doors
- C** Fire-rated Glazed Curtain Walls - Facades
- D** Fire-rated Walkable Roofing
- E** Fire-rated Glazed Automatic Sliding Doors
- F** Fire-rated Glazed Skylights
- G** Fire-rated Fully Glazed Openable Windows
- H** Clario Fire-rated Fully Glazed Doors & Walls





EXPERTS IN FIRE-RATED GLASS  
SYSTEMS SINCE 1985



## CONTACT US

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