

# Fire-Rated Aluminum Fixed Windows

ALUFLAM® has pioneered the innovative solution to what was long considered an impossible dream (and a barrier to truly beautiful commercial architectural design), the development of rugged, versatile aluminum framing technology for fire-rated commercial window and door glazing applications.

The ALUFLAM system has been tested and approved and is available to the architectural and construction communities worldwide.



## Features:

- The clean, sharp lines of narrow stile aluminum framing
- Large, wire-free glass areas
- Barrier to radiant heat through insulated frame and glazing
- Increased design freedom
- Tested and approved to national and international fire codes
- Multitude of finish options
- Simple to install
- High impact resistance
- No corrosion
- Energy efficient
- Reduced noise transmission
- Available in single or multi-lite designs
- Can be integrated with Aluflam's fire-rated doors
- Fixed frame windows
- Interior and exterior installation
- 20/45/60 min. ratings
- Manufactured in USA

## Framing:

The revolutionary all-aluminum framing system is based on high quality extruded profiles, filled with a proprietary insulating compound.

## Glazing:

Aluflam windows incorporate clear fire protective rated glazing. Glazing conforms to CPSC 16CFR1201 (CAT I & II) standards for impact while providing excellent clarity and sound reduction. Aluflam's 45 and 60 minute windows feature clear intumescent glazing for reduced radiant heat transfer.

## Finishes:

Aluflam offers a number of factory pre-finished coatings for its fire-rated aluminum products.

These include:

- Anodizing
- Powder coating
- Architectural paint finishes

## Listings:

These frame assemblies are Listed by Underwriters Laboratories Inc. to ANSI/UL 9 and UBC 7-4 (1997) standards. UL File Number R21588.

City of New York approved - MEA 249-08-M

## Documentation:

Go to [www.aluflam-usa.com/resources/](http://www.aluflam-usa.com/resources/) for:

- CAD drawings
- CSI specifications
- Installation instructions
- UL approvals

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Fire-Rated Aluminum Window And Door Systems

# Fire-Rated Aluminum Fixed Windows

## Description

Designation	FW-EI20	FW-EI45	FW-EI60
Maximum fire rating	20 min.	45 min.	60 min.
Maximum individual exposed glass area (sq. in.)	3325	3325	4425
Maximum exposed width of individual glass (in.)	95	95	95
Maximum exposed height of individual glass (in.)	95	95	95
Frame width (in.)	2-1/2	2-1/2	2-1/2
Frame depth (in.)	3-3/8	3-3/8	3-3/8
Glass weight (lbs./sq. ft.)	3.2	7.6	10.6
Frame weight (lbs./ft.)	3.3	3.3	3.3
UL file number	R21588	R21588	R21588

## Framing

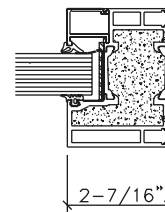
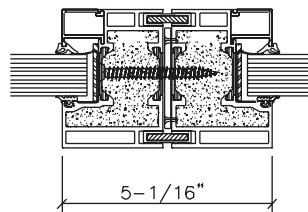
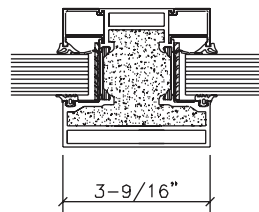
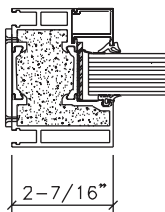
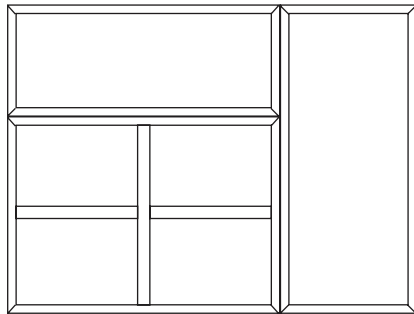
Looking for custom solutions:

Aluflam can provide a variety

of custom solutions - both on

glass and framing.

Contact us for details!



See our website for our full range of design options: [www.aluflam-usa.com](http://www.aluflam-usa.com)

Contact: Aluflam North America - A complete list of approved Aluflam representatives is available online at [www.aluflam-usa.com](http://www.aluflam-usa.com)

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