

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 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
- 30/45/60 min. ratings

Framing:

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

Glazing:

Aluflam incorporates Vetrotech Saint Gobain clear laminated fire glazing. Glazing conforms to EN 12600 standards for impact while providing excellent clarity and sound reduction. The Aluflam system is approved with both Swissflam and Contraflam glazing which feature superior heat barrier properties.

Finishes:

Aluflam can offer a number of factory prefinished coatings for its fire-rated aluminum products.

These include:

- Anodizing
- Powder coating
- Architectural paint finishes

Listings:

These frame assemblies are Listed by EU NB laboratories to the EN 1364-3 standard. NB File number 2010 –Efectis-R0126Aluflam II

Documentation:

Go to www.aluflam.com/specs/ for:

- CAD drawings
- CSI specifications
- Installation instructions

Rev: February 2010

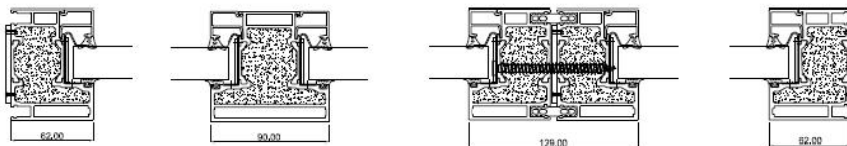
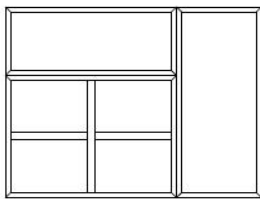
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Fire-rated Aluminum Fixed Windows

Description

Designation	EI30	EI45	EI60
Maximum fire rating	30 min.	45 min.	60 min.
Maximum individual exposed glass area (m ²)	4.38	4.45	4.45
Maximum exposed width of individual glass (m.)	1.5	1.5	1.5
Maximum exposed height of individual glass (m.)	2.92	2.97	2.97
Frame width (mm.)	62	62	62
Frame depth (mm.)	85	85	85
Glass weight (kg/m ²)	34	42	52
Frame weight (kg/m)	4.42	4.42	4.42
NB File number	R0126Aluflam II	R0126Aluflam II	R0126Aluflam II

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.com

Contact: Aluflam A/S - A complete list of approved Aluflam representatives is available online at www.aluflam.com/contact

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