



LISTING INFORMATION OF

# **Aluflam North America - Aluflam AF85 Series Fixed Fire Windows**

SPEC ID: 74616

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## LISTING INFORMATION

### PRODUCT COVERED

Aluflam AF85 Series Fixed Fire Window Frames

### PRODUCT DESCRIPTION

Aluflam's Fixed Fire Window Frames are used for protection of openings in walls, such as drywall, masonry or concrete construction with ratings as noted in table below. The wall into which the window assembly is installed must be fire-resistance rated construction as required by the applicable code. The glazing may include integrated blind units.

### LIMITATIONS:

The overall **20-, 45- or 60-minute** frame size shall not exceed 120 in. (3048 mm) in height or in width. The maximum frame dimensions can be made up by several individual Fire Window Frames joined together with aluminum spline connections, with no single glazing panel exceeding the size limitations noted below.

### FIRE RATINGS:

The Aluflam Fixed Fire Window Frames have been qualified for the following ratings according to UL 9, NFPA 257 and CAN/ULC S106:

| Ratings  | Maximum Exposed Glass Size<br>(w x h)  | Maximum Exposed Glass Area             |
|--|--|--|
| 45, or 60 minutes with hose stream<br>(Neutral Pressure) | 72 in. x 93 in.<br>(1829 mm x 2362 mm) | 3,546 sq. in<br>(2.29 m <sup>2</sup> ) |

The Aluflam Fixed Fire Window Frames have been qualified for the following ratings according to UL 9 and NFPA 257:

| Ratings  | Maximum Exposed Glass Size<br>(w x h)  | Maximum Exposed Glass Area             |
|--|--|--|
| 20 minutes without hose stream<br>(Neutral Pressure) | 72 in. x 93 in.<br>(1829 mm x 2362 mm) | 3,546 sq. in<br>(2.29 m <sup>2</sup> ) |

20-minute without hose stream rating applies to assemblies using Pyroswiss US and Contraflam 20 US/C (16mm panes installed in a single pane or an IGU configuration) and 45- and 60-minute ratings apply to Contraflam 45 (single or IGU panes) and Contraflam 60 (single or IGU panes) or Contraflam 60-1 (single or IGU panes), respectively. The glazing is manufactured by Vetrotech Saint-Gobain International AG.

Glazing panes bear a third-party certification label confirming that the product is certified to UL9 and CAN/ULC-S106, as applicable, for a minimum fire protection rating equal to or greater than the fire protection rating stated on the frame label.

| Attribute       | Value                       |
|-----------------|-----------------------------|
| Criteria        | CAN / ULC S106 (2015) Ed.3  |
| Criteria        | UL 9 Ed. 8 (2015)           |
| Criteria        | NFPA 257 (2017)             |
| CSI Code        | 08 50 00 Windows            |
| Fire Resistance | 45 Min Neutral Pressure     |
| Fire Resistance | 20 Min w/out Hose Stream NP |
| Fire Resistance | 60 Min Neutral Pressure     |
| Listing Section | FIRE WINDOW FRAMES          |
| Spec ID         | 74616                       |