



Aluflam AF70 fire rated awning window is a self closing, self latching window (via fusible link on detection of fire) comprising non corrosive, thermally broken aluminium frames with its cavity filled with patented fire retardant cooling core. Incorporating extensively tested fire resistant glazing, the AF70 system can be used externally up to 60 minute fire ratings.

MADE IN AUSTRALIA

Framing

Aluminium, thermally broken 61x70mm high quality extruded profile that is filled with a patented insulating compound.

All gaps and edges are sealed with high temperature gaskets for fire, smoke and weather protection.

Testing

- AS1530.4 - 2014 - Fire rating up to -/60/60
- AS1530.7- 2007 Smoke Leakage
- AS2047 Weather test
 - Water Penetration up to 200Pa
 - Pressure Differential +/- 900Pa
 - Ultimate Strength test +/- 2000Pa

Benefits

- Fire Rated Ventilation option when BOUNDARY protection is required*
- Thermally broken frame for high performance energy efficiency
- Both fire rating & energy rating options (single or double glazing)
- PPC or Anodising options
- Lightweight wall and Masonry approvals
- FRL from -/60/- to -/60/60
- Sizes 1200mm wide (max) to 1500mm high (max)
- Stringently tested for both fire and weathering to Australian Standards

Glass Options & Recommendations

EXTERNAL - Laminated/Insulated/Double Glazed

Pyrobel 16EG FRL -/60/- up to -/60/30
Pyrobel 25EG FRL -/60/- up to -/60/60
Contraflam Lite 60 ClimaPlus IGU - up to -/60/45

Contraflam 60 ClimaPlus IGU FRL up to -/60/60
Pyrostop 60 201 DGU FRL up to -/60/60

For a full range of glass and FRL configurations in the AF70 frame, please contact Aluflam or refer to Test Report FAS180467.

Installation Options

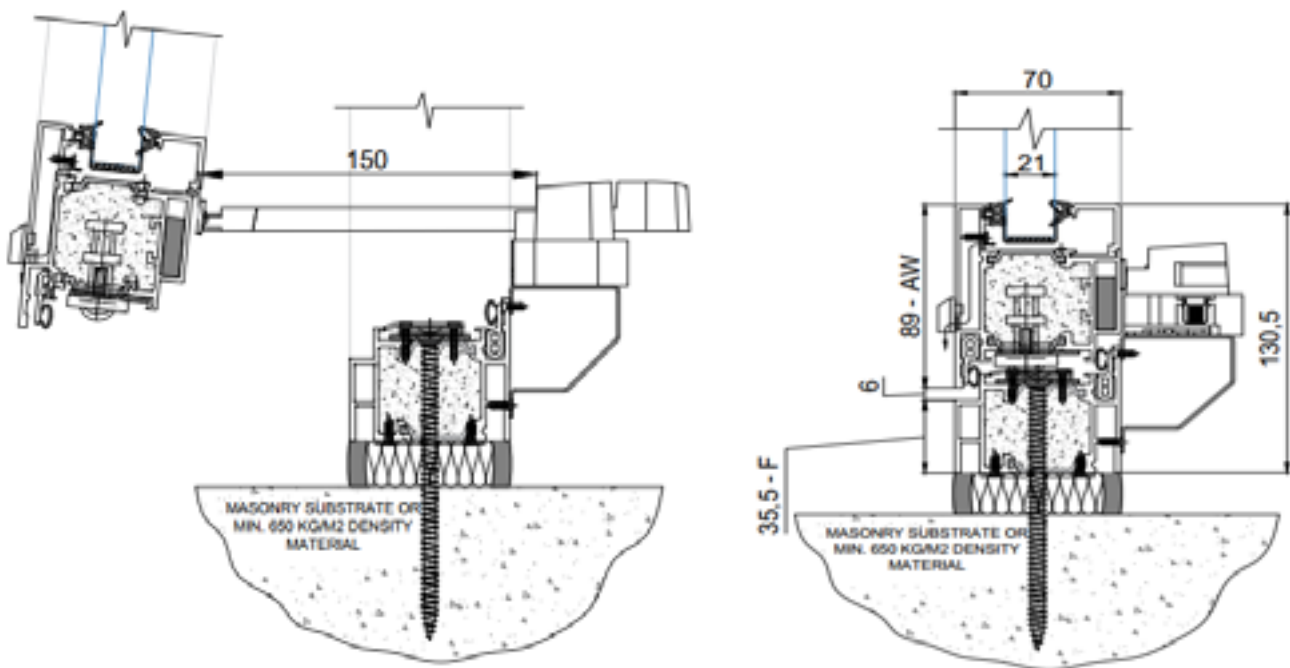
AF70 Awning window can be installed directly into masonry or lightweight stud wall as per fire assessment reference IGNE-6248-99-01R I01 R00 and FAS180467.

Maximum openable gap 125mm

FRAME & GLASS RECOMMENDATIONS*

Fire rating	-/60/-	-/60/30	-/60/60	-/60/60
Application	Ext Boundary	External	External	External
Glass (single laminated)	Pyrobel 16EG	Contraflam 60 Lite ClimaPlus IGU	Pyrobel 25EG	Contraflam 60 ClimaPlus IGU
Glass (double glazed IGU)				
Glass thickness	21mm	32mm	30mm	41mm
Max overall size (w x h)	1200 x 1500	1200 x 1500	1200 x 1500	1200 x 1500
Sound reduction Rw	41 dB	38 dB	43 dB	44 dB
Light transmission	84%	73%	82%	63%
Max opening dimension	125mm	125mm	125mm	125mm
Glass weight	48kg/m ²	46.0 kg/m ²	68.0 kg/m ²	77.5 kg/m ²

Dimensions



HOW TO SPECIFY

Aluflam AF70 fire rated awning window to be fully certified to AS1530.4 for fire and AS2047 for weathering; incorporating non-corrosive, AF70 thermally broken aluminium frame (61mm sighted x 70mm depth) with {ENTER GLASS TYPE} glass to provide minimum FRL of {ENTER FRL}, installed in an external location, finished in {ENTER PPC COLOUR OR ANODISED} in accordance with Aluflam NATA accredited Fire Report Test Number FAS180467 and IGNE-6248-99 up to wind classification N4 up to 219 km/h as per test report number CiiLOCK. 230-920

* Further options are available, please contact Aluflam for further information

Aluflam has a policy of continuous improvement and reserves the right to change methods and specifications without notice. Refer to our website to check if this technical datasheet is valid. Aluflam Australia is a registered business of Greene Fire Manufacturing Pty Limited.

