aluflam
architectural fire-rated solutions

(p) 562.926.9520
(f) 562.404.1394
www.aluflam-usa.com

FIRE - RATED ALUMINUM ARCHITECTURAL PRODUCTS

Fixed Window

UL Rating	Aluflam Designation	Max Frame Size (in.)	Max Lite Area (sq.in.)	Max Lite Width / Height (in.)	Frame Width (in.)	Frame Depth (in.)	Frame Weight (lbs/ft)	Glass	Glass Thickness (in.)	Glass Weight (lbs/sq.ft.)
20 min	FW-EI20	120 x 120	3,325	95	2-1/2	3-3/8	4	Pyroswiss US	1/4*	3.2
45 min	FW-EI45	120 x 120	3,325	95	2-1/2	3-3/8	4	Contraflam 45	3/4*	7.6
60 min	FW-EI60	120 x 120	4,456	95	2-1/2	3-3/8	4	Contraflam 60	1*	10.6

Notes - Windows

- Any window greater than 10'0 in height or width requires a 60 min rating
- When used as sidelites or transoms, windows require a minumum rating of 45 min to meet Hose stream test requirements
- 20 min glass does NOT meet Hose stream
- No operable window products currently available. i.e. sliders, casement, awning, single or double hung
- *Thicknesses shown are for interior applications; add (+ 3/4") up to 45 min and (+1/2") on 60 min, for exterior applications w/ insulated glass units

Vision Wall

UL Rating	Aluflam Designation	Max Frame Size (in.)	Max Lite Area (sq.in.)	Max Lite Width / Height (in.)	Frame width (in.)	Frame Depth (in.)	Frame Weight (lbs/ft)	Glass	Glass Thickness (in.)	Glass Weight (lbs/sq.ft.)
60 min	VW-EI60	contact factory	4,456	95	2-1/2	3-3/8	4	Contraflam 60	1*	10.6
BUTT JOINT GLAZING OPTION - **INTERIOR APPLICATIONS ONLY**										
60 min	VW-EI60	contact factory	7,574	138-1/2	2-1/2	3-3/8	4	Contraflam Structure	1-1/4	14

Notes - Vision Walls

- Frames to fill openings greater than 8'0 ft in width will be broken down into smaller, separate frames, double mulled at the verticals, to facilitate manufacturing and shipping.
- Option for segmented joint with butt-glazed system up to total off angle of 161 Deg.
- *Thickness shown is for interior applications; add (+1/2") for exterior applications w/ insulated glass units

Curtain Wall

UL Rating	Aluflam Designation	Max Frame Size (in.)	Max Lite Area (sq.in.)	Max Lite Width / Height (in.)	Frame width (in.)	Frame Depth (in.)	Frame Weight (lbs/ft)	Glass	Glass Thickness (in.)	Glass Weight (lbs/sq.ft.)
60 min	CW-EI60	contact factory	4,996	94-1/2	2	5-1/4*	5	Contraflam 60	1	10.6
60 min	CW2-EI60	contact factory	4,996	94-1/2	2	7-1/2*	5	Contraflam 60	1	10.6
BUTT JOINT GLAZING OPTION - **INTERIOR APPLICATIONS ONLY**										
60 min	CW-EI60	contact factory	7,574	138-1/2	2	5-1/4*	5	Contraflam Structure	1-1/4	14
60 min	CW2-EI60	contact factory	7,574	138-1/2	2	7-1/2*	5	Contraflam Structure	1-1/4	14
120 min	CW-EI120	contact factory	4,420	94-7/16	2-3/8	6-1/4*	7.5	Contraflam 120	1-1/2	19
BUTT JOINT GLAZING OPTION - **INTERIOR APPLICATIONS ONLY**										
120 min	CW-EI120	contact factory	4,536	126	2-3/8	6-3/4	7.5	Contraflam Structure 120	2-1/16	22-1/2

Notes - Curtainwall

- Products generally delivered factory assembled, finished, and ready for simple installation, however can also be supplied fully prepped & KD for field assembly & installation if project requires
- Special Fire-rated aluminum composite panel option available to replace glazing in lites with 2 hour system. (i.e. - end of slab condition)
- *Depths shown are for interior applications; add (+ 1/2") for 60 min and (+3/4") on 120 min, for exterior applications w/ insulated glass units

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Frame Finishes

Standard Anodize	Standard/Custom Epoxy Powdercoat	Standard/Custom Architectural Painted Finishes
Clear - stock finish, no additional charge	Full RAL Color Standard Options Available	Full range Kynar/Duranar Paints
Dark Bronze		Custom Matches Available to codes from Valspar, Dunn Edwards, Linetec, Efco, Benjamin Moore, etc.
Champagne, Light & Medium Bronze		
Black		

Notes - General

- Storefront & Door Products delivered factory assembled, finished, and ready for simple installation
- Data based on products for interior installation. Exterior configurations also available.
- Insulated glass units available. Outboard lites with sandblasted logos, obscure glass, frit patterns, tints, low-E, etc.

Full Vision Single Door + Frame

UL Rating	Aluflam Designation	Max Door Opening Size (in.)	Max Frame Size (in.)	Frame + Stile Width (in.)	Bottom Rail Width (in.)	Frame Depth (in.)	Glass	Glass Thickness (in.)	Glass Weight (lbs/sq.ft.)	
20 min	SD	36 x 96	40-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Pyroswiss US	1/4*	3.2	
45 min	SD	36 x 96	40-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Contraflam 45	3/4*	7.6	
60 min	SD	36 x 96	40-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Contraflam 60	1*	10.6	
90 min	SD	42 x 96	46-7/8 x 98-1/2	5-1/4	3-9/16	3-5/8	Contraflam 90	1-3/8*	18	

Full Vision Double Door + Frame

UL Rating	Aluflam Designation	Max Door Opening Size (in.)	Max Frame Size (in.)	Frame + Stile Width (in.)	Bottom Rail Width (in.)	Frame Depth (in.)	Glass	Glass Thickness (in.)	Glass Weight (lbs/sq.ft.)	
20 min	DD-AA/ DD-AF	72 x 96	76-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Pyroswiss US	1/4*	3.2	
45 min	DD-AA/ DD-AF	72 x 96	76-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Contraflam 45	3/4*	7.6	
60 min	DD-AA/ DD-AF	72 x 96	76-7/8 x 98-1/2	5-1/4	3-9/16	3-3/8	Contraflam 60	1*	10.6	
90 min	DD-AA	84 x 96	88-7/8 x 98-1/2	5-1/4	3-9/16	3-5/8	Contraflam 90	1-3/8*	18	

Notes - Doors

- Single doors supplied with std hardware package, including mortise lock (RIM Panic on 90 min doors), offset pivot hinges, lever trim and closer
- DD-AF (Active/Fixed) double doors supplied with std hardware package, incl. mortise lock, offset pivot hinges, lever trim, closer/coordinator, flush bolt
- DD-AF (Active/Fixed) NOT AVAILABLE W/ 90 MIN RATING
- DD-AA (Active/Active) double doors supplied with std hardware package, including offset pivot hinges, lever trim, closers and vertical rod exit devices
- Optional hardware: rim panic device, auto floor seals, matching 10" bottom rail, electric strike, etc.
- *Thicknesses shown are for interior applications; add (+ 3/4") up to 45 min and (+1/2") on 60 & 90 min, for exterior applications w/ insulated glass units
- Sliding doors, pairs of doors swinging in opposite direction, or doors larger than listed above are not currently available.
- We do not have Door Frames for use with doors "By Others" (wood, steel, panel etc.). Our Full Vision Glass Door/Frame system is a UL Listed assembly and is supplied as a system with glass and hardware.