

20 Minute Rating	45 Minute Rating	60 Minute Rating	90 Minute Rating	3 Hour Rating
WireShield™ WS	WireShield WS	WireShield WS	WireShield WS	Pyran Platinum F PPF
Pyran® Platinum F PPF	Pyran Platinum F PPF	Pyran Platinum F PPF	Pyran Platinum F PPF	KeraShield KFRF
KeraShield™ KFRF	KeraShield KFRF	KeraShield KFRF	KeraShield KFRF	KeraShield KFRL
PyroGlasShield™ PYRO	KeraShield KFRL	KeraShield KFRL	KeraShield KFRL	KeraShield KFRU
	KeraShield KFRU	KeraShield KFRU	KeraShield KFRU	
	ContraShield™ 45 CT45	ContraShield 60 CT60	ContraShield 90 CT90	



Fire protective glass will contain flame and smoke and can be fire rated up to 180 minutes with size limitations



Fire resistive glass will contain flame, smoke and blocks radiant heat transmission through glass which can ignite flammable materials within 20 feet.



AIR LOUVERS



Air Louvers recommends that you consult with your local authorities having jurisdiction (AHJ) for the most current standards in your area.

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Fire-Rated & Safety-Rated Glass Comparison Chart - See Website for Complete Listing Information

PRODUCT:	WireShield	PyroGlasShield	Pyran®Platinum F	KeraShield FRF	KeraShield FRL	KeraShield FRU	ContraShield 45	ContraShield 60	ContraShield 90
Product Code:	WS	PYRO	PPF	KFRF	KFRL	KFRU	CT45	CT60	CT90
Fire Rating	90 Minutes	20 Minutes	3 Hour	3 Hour	3 Hour	3 Hour	45 Minutes	60 Minutes	90 Minutes
Maximum Exposed Glazing Area For Doors Only Non-Temp Rise See Data Sheets for Complete Product Information & Temp Rise Ratings	20-45 Minute with Standard Glazing Tape: 1,296 in ² max width 54" max height 54" 45 Minute Steel Doors with FGS3000S90 Glazing Tape: 2,856 in ² max width 34" max height 84"	20 Minute: 3,419 in ² max width: 47-1/2" max height 95-1/2"	20-90 Minute: 2,736 in ² max width 36" max height 76" 3 Hour 100 in ² max width 12" max height 33"	45-60 Minute: 3627 in ² max width 46" max height 78" 90 Minute: 3,534 in ² max width 46" max height 78" 3 Hour 100 in ² max width 10" max height 33"	45-60 Minute: 3,627 in ² max width 46 1/2" max height 78" 90 Minute: 3,534 in ² max width 46 1/2" max height 78" 3 Hour 100 in ² max width 10" max height 33"	45-90 Minute: 2,736 in ² max width 46 1/2", max height 76" 3 Hour 100 in ² max width 10" max height 33"	45 Minute: 2,685 in ² max width 30" max height 89-1/2"	60 Minute: 2,685 in ² max width 30", max height 89 1/2"	90 Minute Steel Door: 3,174 in ² max width 35-3/4", max height 88-9/16"
Non-Temp Rise Door Rating in Rated Frame	Yes	--	Yes	Yes 60 & 90	Yes 60 & 90	Yes 60 & 90	Yes	Yes	Yes
Thickness	1/4" (6 mm)	1/4" (6 mm)	3/16" (5mm)	3/16" (5mm)	5/16" (8mm)	11/16" (17.4 mm)	1" (25mm)	1" (25mm)	1 1/2" (38.1 mm)
Listing	UL	UL	UL or WHI (request)	UL	UL	UL	UL	UL	UL
Safety Rating	CPSC 16CFR1201 (CAT I & II)								
Pos. Pressure	UL 10C	UL 10C	UL 10C	UL 10C	UL 10C	UL 10C	UL 10C	UL 10C	UL 10C
Fire Resistant to Radiant Heat	No	No	No	No	No	No	No	Yes	Yes
Description	Single glazing with safety film applied to one side and embedded wire	Tempered alkaline safety glass of fire-resistant material	Glass ceramic fire-resistant glazing with safety film applied to one side	Ceramic fire-resistant glazing with safety film applied to one side	Laminate of glass ceramic & impact safety-rated material.	Laminate of glass ceramic & impact safety-rated material.	Multi-laminated and fully insulating glass with two panes of tempered safety glass separated by intumescent interlayers.		
Hose Stream	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Comparable Products	Wirelite™ NT, Safe-Wire™, Superlite IW™, Protect3™	Fireglass® 20, Firesafe® 20, Superlite-I, Pyroedge-20™, Pyroswiss®	Firelite NT®, Keralite®FR-F	Firelite NT®, Keralite®FR-F	Firelite Plus®, Keralite®FR-L	Keralite® Ultra	Pyrostop® Pyrobel45, SuperLite™ II-XL 45, Contraflam®45	Superlite® II-XL 60, Pyrobel 60, Pyro Stop®, Contraflam® 60	Superlite® II-XL 90, Pyro Stop®, Contraflam® 90, Pyrobel 90
STC Rating	--	32	31	35	37	38	40	40	45
Air Louvers Lite Kit	VLF, VLFEZ, VSL	VLF, VLFEZ, VSL	VLF, VLFEZ, VSL	VLF, VLFEZ, VSL	VLFIG, VLFEZIG, VSIG, VLFS10	VLFIG, VLFEZIG, VSIG, VLFS10	VLFIG, VLFEZIG, VSIG, VLFS10	VLFIG, VLFEZIG, VSIG, VLFS10	VLFIG, VLFS10



Glazing Tape: Air Louvers recommends that glazing tape or compound be used on both sides of glass to avoid breakage. Superlite is a brand of SafitiFirst. Pyran is a brand of Schott North America. Pyrostop, Wirelite, Fireglass and Firelite are brands of Technical Glass Products. Safewire is a brand of Anemostat. Pyroswiss, Keralite, Swissflam and Contraflam are brands of Vetrotech St.Gobain. Pyroedge and Pyrobel are brands of AGC, Protect 3 is a brand of Glassopolis. PyroGlasShield, KeraShield and ContraShield are trademarks of Activar Construction Product Group Inc.