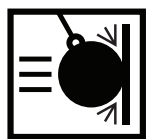




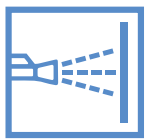
Interior/Exterior Applications, Clear Low-Iron Glazing

Fire-Resistant Safety Glazing

AGC Pyrobel® 45-120 Minutes



Impact-Safety



Hose-Stream



Security
Options



Framing +
Butt-Glazed



LEED



Fire-Resistive (ASTM E119 & UL 263)

LISTINGS AND STANDARDS

- ASTM E119
- NFPA 80
- UL 9
- ULC S101
- ANSI Z97.1
- UL® #R21674
- NFPA 252
- UL 10B
- ULC S104
- CPSC 16CFR1201
- Intertek SpecID: #58830
- NFPA 257
- UL 10C
- ULC S106
- Intertek SpecID: #58832
- Intertek SpecID: #64030
- UL 263



PRODUCT OVERVIEW

- Passes required hose-stream test
- High STC values of up to 49 dB
- Ultra-clear, low-iron glazing
- Fire-resistive, temperature-rise performance
- Stable, multi-layer makeup for optimum clarity
- May exceed 25% area limitation for opening-protective fire-rated glazing
- 5-year Warranty
- Environmental Product Declaration (EPD)
- Cradle to Cradle Certified Silver® & Red-List-free
- Narrow-profile framing options for superior sight lines
- Vision Line butt-glazing available for 1-hr & 2-hr wall applications, featuring ultra-slim 4 mm joint
- Bullet-resistant & forced-entry options available
- Available as an IGU (see table on next page)

FRAMING OPTIONS

FORSTER STEEL FIRE-RATED FRAMING BY MCGRORY GLASS SYSTEMS

Framing	forster fuego® light	forster thermfix® vario	forster presto
Glazing	AGC Pyrobel® 60-120 min	AGC Pyrobel® 60-120 min	AGC Pyrobel® 45-60 min
Application	Temp-Rise Door/Window-Wall	Interior/Exterior Curtain Wall	Door/Window
Rating Type	Fire-Resistive	Fire-Resistive	Opening-Protective





Technical Details | Listing Sizing Per Application

Fire-Resistant Safety Glazing

AGC Pyrobel® 45-120 Minutes

Minute Rating	Building Code Marking	Location	Product Designation	VLT	STC Rating	Applications	Thickness	Weight
45 min	D-H-T-45 OH-45	Interior	45-16EG	89%	39 dB	Doors, Sidelites, Borrowed Lites, Transoms	3/4" (21.1 mm)	9.8 lbs/ft²
		Exterior*						
60 min	D-H-60 OH-60 W-60	Interior	60-25	88%	43 dB	Doors, Sidelites, Borrowed Lites, Transoms, Walls	1-1/16" (26.6 mm)	12.3 lbs/ft²
		Exterior*	60-25EG	87%			1-3/16" (30.4 mm)	13.9 lbs/ft²
90 min	D-H-90 OH-90 W-90	Interior	90-30EG6	86%	44 dB	Doors, Sidelites, Borrowed Lites, Transoms, Walls	1-7/16" (36.7 mm)	17.4 lbs/ft²
		Exterior*						
120 min	W-120	Interior	120-54	83%	49 dB	Walls	2-1/8" (54 mm)	25.4 lbs/ft²
		Exterior*	120-54EG				2-1/4" (57.8 mm)	27 lbs/ft²

*May be constructed into insulated glass units (IGUs). Values will vary: contact your account manager or fire@mcgrory.com for specific makeups.

LISTED SIZING PER APPLICATION/ASSEMBLY (DAYLIGHT OPENING PER LITE)									
Minute Rating	Door			Other than Door			AGC Pyrobel® Vision Line (Butt-Glazing, Narrow 4 mm Joint)		
	Max. Area	Max. Width	Max. Height	Max. Area	Max. Width	Max. Height	Max. Area	Max. Width	Max. Height
45 min	2747 in²	36"	58-3/4"	4608 in²	96"	96"	n/a		
60 min	5647 in²	50-1/4"	112-3/8"	7200 in²	120"	120"	7200 in²	120"	120"
90 min	3763 in²	35-13/16"	105-1/16"	3528 in²	84"	84"	n/a		
120 min	n/a			7200 in²	120"	120"	7200 in²	120"	120"



UL® #R21674



Intertek SpecID:

#58830

#58832

#64030

CALL FOR A QUOTE: 800-220-3749

EMAIL: fire@mcgrory.com

VISIT US AT: mcgroryfire.com



McGRORYGLASS
SYSTEMS