

HOW TO CHOOSE YOUR GLAZING

A.) If you need Fire-Rated:

TYPE	20 Min	45 Min	60 Min	90 Min	180 Min
Fire Protective	FGL				
	WS				
	PPF, PPL, FL, FLP				

B.) If you need Non-Fire-Rated or Special Features:

Toughened	Shatterproof	Ballistic Resistance	Privacy	XRay	Exterior
TEMP	LAMI	ARM BRG	VLFEZIGMB VSGMB MIRR	LEAD	TEMPLE INSU

C.) If you have a Specified Thickness or Vision Lite:

3/16" (5mm)	1/4" (6mm)	5/16" (8mm)	3/8" (9.5mm)	1/2" (12mm)	5/8" (16mm)	13/16" (20.6mm)	1" (25mm)	1-1/16" (26.9mm)	1-3/16" (30mm)	1-5/16" (33.3mm)	1-1/2" (38mm)	1-3/4" (45mm)	
VLF			VLFIG										
VLFEZ			VLFEZIG										
VSLH			VSIG										
FL	WS	LEAD	PPL	LAMI	INSU	ARM1	INSU	ARM2	BRG1	ARM3	BRG2	BRG3	
	FGL												
PPF	TEMP	FLP		INSU									
	LAMI												

COLOR KEY: Fire Protective



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Glazing Selection Chart

Fire-Rated Glazing Chart

PRODUCT	FIREGLASS™ 20				WIRESHIELD				FIRELITE® NT				FIRELITE PLUS®				PYRAN® PLATINUM F				PYRAN® PLATINUM L											
PART NUMBER	FGL				WS				FL				FLP				PPF				PPL											
MATERIAL	Tempered alkaline safety glass				Annealed single glazing with safety film a and embedded 3/4" x 3/4" wire mesh diamond pattern				Glass ceramic with ultra HD technology and a surface-applied fire-rated film				Laminated glass ceramic with ultra HD technology				Environmentally-friendly neutral-colored fire and safety-rated glazing				Two lites of environmentally-friendly neutral-colored fire and safety-rated glazing laminated together											
THICKNESS	1/4" (6 mm)				1/4" (6 mm)				3/16" (5 mm)				5/16" (8 mm)				3/16" (5 mm)				3/8" (9.5 mm)											
STC RATING	31				31				35				38				31				36											
MAXIMUM EXPOSED	TIME (min)	in²	W	H	TIME (min)	in²	W	H	TIME (min)	in²	W	H	TIME (min)	in²	W	H	TIME (min)	in²	W	H	TIME (min)	in²	W	H								
DOOR GLAZING SIZE LIMITS- UL <small>(Sizes apply to glazing only, not to Vision Lite PAKs)</small>	20	3204	36"	89"	45	2856	34"	84" †	20-60	3204	36"	89"	20-60	3204	36"	89"	20-90	3708	37.75"	98.25"	20-90	2736	37.75"	99"								
						1296	54"	54"																								
					60	100	12"	80" †*	90	2034	36"	56.5"	90	2034	36"	56.5"																
						1393	36"	56.5"		1393	36"	56.5"																				
					90	552	12"	46" †"	180	100	12"	33"	180	100	12"	33"	180	100	12"	33"												
						100	12"	33"																								
SIDELITE, TRANSOM, WINDOW GLAZING SIZE LIMITS- UL	-	-	-	-	45	1296	54"	54"	20-60	3325	95"	95"	20-60	3325	95"	95"	20-90	4933	98.25"	98.25"	20-90	3143	99"	99"								
					45 Sidelite or Window	4608	48"	96" †																								
					45 Transom	3456	96"	36" †																	90	1393	56.5"	56.5"	90	1393	56.5"	56.5"
FIRE-RATING	FIRE PROTECTIVE: NFPA 252, UL10B, UL10C																															
HOSE STREAM	No				Yes, per NFPA 257 or UL 9																											
SAFETY RATED	ANSI Z97.1 (Class A & B), CPSC 16CFR 1201 (Cat I & II)																															
COMPARABLE PRODUCTS	Fireglass® 20 Temp 20™ Pyroedge-20™ Pyroswiss® Superlite® I				Wirelite™ NT Safe-Wire™ Nu-Wire Protect3™				Pyran Platinum F				Pyran Platinum L				Firelite® NT				Firelite Plus®											

KEY: † Requires FGS3000S90 Intumescent * Wood door application ♦ Requires GTAPEK-0L-33W high temperature tape

Pyran is a brand of Schott North America. Wirelite, Fireglass and Firelite are brands of Technical Glass Products. Safewire is a brand of Anemostat. Pyroedge is a brand of AGC, Protect 3 is a brand of Glassopolis. Superlite® I is a brand of SaftiFirst. Interpretation of Fire and Building Codes may vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.



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