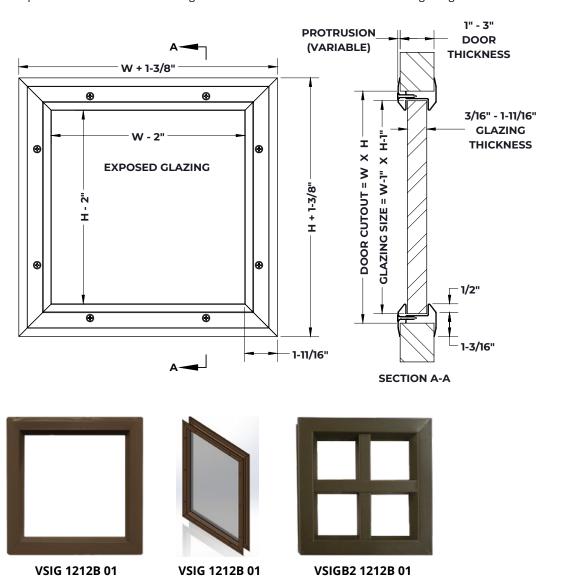


VISION LITE - SLIMLINE™ SERIES VISION LITE FOR IGU'S - VSIG

Low profile Slimline ™ vision lite designed to to fit 1"-3" doors and accommodates glazing thickness of 3/16"-1-11/16".



SPECIFICATIONS:

Frame Material: 20 gauge cold rolled steel. **Standard Finish:** Mineral bronze powder coat.

Fasteners: #8 x 1" Flathead Phillips screws to match finish.

Size: Min: 4" x 4" - Max: 60" x 96". Glazing Thickness: 3/16"-1-¹¹/16". Compatible Air Louvers Glazing:

Fire-Rated: KFRF, KFRL, KFRU, PYRO, PPF, WS, CT45, CT60,

CT90, PPL, ARM 1-3, BRG1.

Non-Rated: TEMP.

Protrusion: For glazing thickness that is within 3/4" of the door thickness or thicker, frame will not be flush, Protrusion ranges from .11 - .84 . See example chart on page 2.

OPTIONS:

Materials: 20 gauge 304 stainless steel, galvannealed steel, zinc-plated steel.

Mullions: For 1-¾ Doors Only - 1" x 5/8" formed steel mullions, welded to both sides of vision lite at heads, sills and jambs, and butt to glass. Only (1) pane of glass required.

PAKs: Glazing, vision lite, & glazing tape combined; UL10B.

Other: Torx screws, Intertek Warnock Hersey label, UL10C.

RATINGS:

Fire Rating: UL listed and labeled to ANSI/UL10B, UL10C and ULC-S104 when installed in properly rated and approved door. Ratings up to 3 hours, depending on the application, glazing and size.

Optional Intertek Wanock Hersey fire rated label. Ratings up to 1-½ hours, depending on door type, application glazing and size.

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards

NOTE:

Door Cutout = Order Size (W x H).

Glazing Size = Order Size minus 1" (W - 1" x H - 1").

Exposed Glazing = Order Size minus 2" (W - 2" x H - 2").

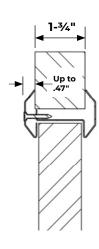
For standard $1-\frac{3}{4}$ " door, with glazing thickness of 3/16" - 5/16", see VSLH submittal.

UP TO 3 HOURS

VISION LITE - SLIMLINE SERIES VISION LITE FOR IGUS - VSIG

VSIG: STANDARD VISION LITE QUICKORDER

QTY	MODEL	ROUGH OPENING	COLOR	GLAZING THICKNESS	DOOR DEPTH
	VSIG 1212B 01	12" x 12"		1"	
	VSIG 0535B 01	5" x 35"			
	VSIG 0624B 01	6" x 24"	Bronze		
	VSIG 0627B 01	6" x 27"			4 2/11
	VSIG 0722B 01	7" x 22"			1-¾"
	VSIG 2430B 01	24" x 30"			
	VSIG 2436B 01	24" x 36"			
	VSIG 2460B 01	24" x 60"			



Protrusion

DOOR THICKNESS	GLAZING THICKNESS	GLAZING AVAILABLE	PROTRUSION		
	1/2"	LAMI, INSU	.25		
	5/8"	INSU	.31		
	11/16"	KFRU	.34		
	1"	CT45, CT60, INSU	.5		
1"	1-3/16"	BRG1	.59		
	1-5/16"	ARM3	.65		
	1-1/2"	СТ90	.75		
	1-11/16"		.84		
	1-3/16"	BRG1	.22		
7.7/11	1-5/16"	ARM3	.28		
1-3/4"	1-1/2"	СТ90	.75		
	1-11/16"		.47		

MADE-TO-ORDER SLIMLINE™ VISION LITE FOR IGUS

QTY	MODEL	MATERIAL	(MULLIO	WIDTH	HEIGHT		FINISH		GLAZING THICKNESS	(DOOR THICKNESS)		(PAK GLAZING)			(OPTIC	NS)	
	VSIG	(Cold Rolled Steel)	(None)	(None)			B (Bronze)					(None)				(None)	
		S (Stainless Steel)	A (1 Column)	2 (2 Rows)				AB (AMS Beige)					(1" - 3"	DOORS)		T (Torx)	
		G (Galvannealed Steel)	B (2 Column)	3 (3 Rows)				SB (SC Beige)					KFRU PAK	(KeraShield Ultra)		CAN (Intertek	Label)
	L	E (Zinc-Plated Steel)	C (3 Column)	4 (4 Rows)				S (Sand)					PPL PAK	(Pyran Platinum L)		(UL10C A	pplication))
				5 (5 Rows)				G (Gray)	100				CT45 PAK	(Contrashield 45)			
Mullions (MULLION OPTIONS)			PTIONS)				SI (Silver)					CT60 PAK	(Contrashield 60)				
2	3	4 5	(1" x 5/8" Standa	ard Mullion)			_	W (White)				L	CT90 PAK	(Contrashield 90)			
	⇃;;		(1/2" x 1/2" Opti	onal Size)			_	BK (Black)				L	ARM1 PAK	(Armrshield 1)			
A	¹ └── '		(1/2" x 3/4" Opti	onal Size)			_	FB (Flat Black)					ARM2 PAK	(Armrshield 2)			
A2	A3 Min: 6" x 7	A4 A5 Min: 6" x 9" Min: 6" x 11"	Min. Lite Size for Mul					BA (Brass)					ARM3 PAK	(Armrshield 3)			
Willi. 0 X			with columns and rov	ws, see chart.									BRG1 PAK	(BRG 1)			
				Powdercoat options not (FOR NON-1-3/4" DOORS)													
В	יןי	╽╫╢┞┯╢				available for Stainless Steel						L	KFRF PAK	(Kerashield FRF)			
B2	В3	B4 B5 " Min: 6" x 9" Min: 6" x 11"										L	KFRL PAK	(Kerashield Lami)			
Min: 6" x	6" Min: 6" x 7												PYRO PAK	(PyroShield)			
		 										L	PPF PAK	(Pyran Platinum F)			
С													WS PAK	(WireShield)			
	СЗ												TEMP PAK	(Non-Rated Tempered)			
	C3 Min: 7" x 7	" Min: 7" x 9" Min: 7" x 11"															



VISION LITE - SLIMLINE SERIES VISION LITE FOR IGUS - VSIG FIRE-RATING & SIZING

FIRE-RATING & SIZING	GLAZING	MAX IBC ALOWED	MAXIMUM UL TESTED	MAXIMUM INTERTEK TESTED	VISION LITE ORDER DIMENSIONS (DOOR CUTOUT SIZE)						
CHART	GLAZING	EXPOSED AREA	EXPOSED AREA	EXPOSED AREA	Minir Si: W		Maximum UL Size W H		Maximum Inte tek Size W H		
	Glazing by Others*	See glazing KCMZ file			4"	4"	See KCMZ file		See Intertek file		
	PYRO	3419 in ²	3419 in ²		4"	4	48-1⁄2"	96-1/2"			
	KFRF	2627 in?	3627 in²		5"	5"	47"	80"	60"	104"	
20 14111	KFRL	3627 in ²		1206 : 2	4"	7"	45"	80"			
20 MIN	KFRU	2736 in ²	2736 in ²	1296 in²	7"	7"	48-1⁄2"	78"			
	PPF	2/30 111-	2/30 111-		4"	4"	38" 78"	78"			
	WS Hollow Metal Door	3289 in ²	3289 in²		5"	5"	37-¾"	94"	38"	56"	
	CT45	2685 in ²	2685 in ²			5"	32"	91-1⁄2"	60"	104"	
	Glazing by Others*	See glazing KCMZ file			4"	4"	See KC	MZ file	See Inte	rtek file	
	KFRF	2627: 3	2627 : 3		5"	5"	47"	80"			
	KFRL	3627 in ²	3627 in ²	1296 in²	4"	7"	45"	80"	60"	104"	
<i>-</i>	KFRU	2726 : 3			7"	7"	48-1⁄2"	78"			
45 MIN	PPF	2736 in ²	2736 in ²		4"	4"	38"	78"			
	WS Metal Door w/ FGS3000S90 Tape	2856 in ²	2856 in ²		5"		36"	86"	20"		
	WS Door w/ GTAPE 200B Tape	1296 in ²	1296 in ²			5"	49"	56"	38"	56"	
	CT45	2685 in ²	2685 in ²				32"	91-1/2"	60"	104"	
	Glazing by Others*		See KCMZ file		4"	4"	See KCMZ file		See Intertek file		
	KFRF		3627v		5"	5"	47"	80"	60"	104"	
	KFRL			100 in²	4"	7"	45"	80"			
60 MIN	KFRU	100 in ²			7"	7"	48-1⁄2"	78"			
	PPF		2736 in ²		4"	4"	38"	78"			
	WS Wood Door w/ FGS3000S90 Tape		960 in²		5"	5"	14"	82"			
	CT60	2685 in ²	2685 in ²	100 in ²			32"	91-1⁄2"	60"	104"	
	Glazing by Others*		See KCMZ file		4"	4"	See KCMZ file		See Intertek file		
	KFRF				5"	5"	47"	78"	60"		
	KFRL		3534 in ²		4"	7"	45"	80"			
	KFRU	100 in ²			7"	7"	48-1⁄2"	78"		104"	
90 MIN	PPF		2736 in ²	100 in ²	4"	4"	38"	78"	1		
	WS Metal Door w/ FGS3000S90 Tape		552 in ²			5"	14"	48"	12"	22"	
	WS Door w/ GTAPE 200B Tape		100 in ²		5"		14"	35"			
	CT90	3174 in ²	3174 in ²				37-¾"	90-%16"	60"	104"	
	Glazing by Others*		See KCMZ file		4	4		MZ file			
	KFRF		100 in ²	Niet out of	5	5					
180 MIN	KFRL	100 in ²		Not rated for 180	4	7	12"	35"			
	KFRU			min	7	7					
	PPF				4	4	14"	35"	1		
	·					_					

When installed in properly rated and approved door, ratings up to 3 hours can be achieved, with sizing restrictions.

- The exposed area listed in the chart determines the maximum size of frame to maintain fire-rating for that glazing.
- To calculate the exposed area of your VSLH order: (Order Width -2") x (Order Height -2") = Exposed Area
- For fire-rated glazing not on this chart, refer to its UL or Intertek File. Use the smaller dimension listed between the UL or Intertek Warnock Hersey file and this chart.
- The minimum sizes listed are restricted by the manufactuing limitations they do not affect the fire-rating.
- Interpretation of Building Codes may vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
- Please consult installation instructions for tape application.