

PHI INPUTS

EFORTE, 1 31/32" (50mm)

TRIPLE PANE

Window frame inputs

No.	Type	U _f -Value	R-Value	Frame Dimensions*			
	Frame	Frame	Frame	Width/Left	Width/Right	Width/Below	Width/Above
		BTU/(hr.ft ² .F)	(hr.ft ² .F)/BTU	in	in	in	in
1	Tilt/turn window	0.167	5.99	4.72	4.72	4.72	4.72
2	Fixed window	0.167	5.99	2.76	2.76	2.76	2.76

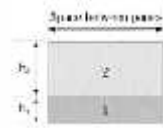
Entry door frame inputs

No.	Type	U _f -Value	R-Value	Frame Dimensions*			
	Frame	Frame	Frame	Width/Left	Width/Right	Width/Bottom	Width/Top
		BTU/(hr.ft ² .F)	(hr.ft ² .F)/BTU	in	in	in	in
1	Entry door (sash)	0.317	3.155	6 15/16	6 15/16	4 15/16	6 15/16
2	Entry door (frame)	0.229	4.367				
3	Aluminum sill	0.318	3.145				

*installation gap: 3/8" to 1/2"

Spacer Inputs

Type	Height Box 2	Thermal Conductivity Box 2	Double Pane Cool Temperature	Triple Pane Warm Temperature	fRsi value
Spacer	Spacer	Spacer	Psi-spacer	Psi-spacer	
	mm	BTU/(hr.ft.F)	BTU/(hr.ft.F)	BTU/(hr.ft.F)	
Advance Spacer	6.5	0.167	0.022	0.023	0.72



*PHI spacer inputs are obtained from PHI components Database.

*Frame material is polymer.

IGU inputs

No.	U _g , BTU/(hr.ft ² .F)	SHGC	VT	Depth, in	Glazing, mm	Tempered	Notes
STANDARD GLAZING							
5	0.088	0.494	0.709	1 31/32	Prem4x20Arx4x18ArxPrem4	no	no min
5a	0.088	0.494	0.709	1 31/32	Prem4Tx20Arx4Tx18ArxPrem4T	yes	no min, all panes tempered
6	0.088	0.494	0.705	1 31/32	Prem4x18Arx4x18ArxPrem6	no	no min
6a	0.088	0.494	0.705	1 31/32	Prem4Tx18Arx4Tx18ArxPrem6T	yes	no min, all panes tempered
7	0.088	0.486	0.701	1 31/32	Prem6x18Arx4x16ArxPrem6	no	no min
7a	0.088	0.486	0.701	1 31/32	Prem6Tx18Arx4Tx16ArxPrem6T	yes	no min, all panes tempered
8	0.106	0.482	0.697	1 31/32	Prem6x16Arx6x16ArxPrem6	no	no min
8a	0.106	0.482	0.697	1 31/32	Prem6Tx16Arx6Tx16ArxPrem6T	yes	no min, all panes tempered
9	0.088	0.373	0.552	1 31/32	CG4x20Arx4x18ArxCG4	no	no min
9a	0.088	0.373	0.552	1 31/32	CG4Tx20Arx4Tx18ArxCG4T	yes	no min, all panes tempered
10	0.088	0.367	0.549	1 31/32	CG6x18Arx4x18ArxCG4	no	no min
11	0.088	0.368	0.546	1 31/32	CG6x18Arx4x16ArxCG6	no	no min
11a	0.088	0.368	0.546	1 31/32	CG6Tx18Arx4Tx16ArxCG6T	yes	no min, all panes tempered
12	0.088	0.365	0.543	1 31/32	CG6x16Arx6x16ArxCG6	no	no min
12a	0.088	0.365	0.543	1 31/32	CG6Tx16Arx6Tx16ArxCG6T	yes	no min, all panes tempered
13	0.088	0.252	0.453	1 31/32	SN51_28_6x18Arx4x18ArxPrem4	no	min SN51_28_6 glass order: 1,080 SF
13a	0.088	0.252	0.453	1 31/32	SN51_28_6Tx18Arx4Tx18ArxPrem4T	yes	min SN51_28_6T glass order: 1,080 SF, tempered
14	0.088	0.256	0.450	1 31/32	SN51_28_6x18Arx4x16ArxPrem6	no	min SN51_28_6 glass order: 1,080 SF
14a	0.088	0.256	0.450	1 31/32	SN51_28_6Tx18Arx4Tx16ArxPrem6T	yes	min SN51_28_6T glass order: 1,080 SF, tempered
15	0.088	0.251	0.448	1 31/32	SN51_28_6x16Arx6x16ArxPrem6	no	min SN51_28_6 glass order: 1,080 SF
15a	0.088	0.251	0.448	1 31/32	SN51_28_6Tx16Arx6Tx16ArxPrem6T	yes	min SN51_28_6T glass order: 1,080 SF, tempered



INTUS

7201 PLYMOUTH AVENUE SUITE 400
 ALPHARETTA, GA 30201
 USA
 TEL: 770.885.1100
 FAX: 770.885.1101
 WWW.INTUSGLASS.COM

LAMINATED GLAZING							
16	0.088	0.470	0.703	1 63/64	Prem33.1x18Arx4x18ArxPrem4	no	outer laminated
16a	0.088	0.470	0.703	1 63/64	Prem33.1x18Arx4Tx18ArxPrem4T	yes	outer laminated, 2 panes tempered
17	0.106	0.447	0.698	1 63/64	Prem44.6x16Arx4x16ArxPrem4	no	outer laminated, min Prem44.6 glass order: 1,077 SF
17a	0.106	0.447	0.698	1 63/64	Prem44.6x16Arx4Tx16ArxPrem4T	yes	outer laminated, 2 panes tempered, min Prem44.6 glass order: 1,077 SF
MATTE GLAZING							
18	0.088	n/a	n/a	1 31/32	Prem4x20Arx4MATx18ArxPrem4	no	no min, middle pane matte glass
18a	0.088	n/a	n/a	1 31/32	Prem4Tx20Arx4TMATx18ArxPrem4T	yes	no min, middle pane matte glass, all panes tempered
19	0.088	n/a	n/a	1 31/32	Prem6x18Arx4MATx18ArxPrem4	no	no min, middle pane matte glass
20	0.088	n/a	n/a	1 31/32	Prem6x18Arx4MATx16ArxPrem6	no	no min, middle pane matte glass
21	0.106	n/a	n/a	1 31/32	Prem6x16Arx6MATx16ArxPrem6	no	no min, middle pane matte glass
21a	0.106	n/a	n/a	1 31/32	Prem6Tx16Arx6TMATx16ArxPrem6T	yes	no min, middle pane matte glass, all panes tempered
Notes: Glass is listed from exterior to interior (left to right). Provided values are based on EN410 and EN673 calculation methods. NFRC values might be different.							