


Calculation based on ISO 15099

Product name: Kohltech CPVC Inswing Door FX Sidelite			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - South- facing			Guardian 1-3/8 OA-Clr-Arg95-CG8070#3 Arg95-CG8070#5 No Grids				
Climate specific recommendations:			Whole-window installed U-value		Ucog-Value			
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8		1.16	0.20	0.584	0.758	0.134		
7		1.15	0.20	0.584	0.750	0.132		
6		1.15	0.20	0.584	0.748	0.132		
5		1.15	0.20	0.584	0.748	0.132		
4		1.15	0.20	0.584	0.750	0.132		
Marine North		1.16	0.20	0.584	0.752	0.132		
Marine South		1.16	0.20	0.584	0.757	0.133		
3		1.16	0.20	0.584	0.754	0.133		
2 West		1.17	0.21	0.584	0.765	0.135		
2 East		1.17	0.21	0.584	0.765	0.135		
Kohltech CPVC Inswing Door Premium Plus ZF-S	FRAME				Psi-spacer		Psi-opaque	
	Frame height		U-frame		Ψ		W/mK	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
	Head	111	4.35	1.54	0.27	0.017	0.010	0.232
	Sill	147	5.79	1.83	0.32	0.017	0.010	BTU/hr.ft.F
left jamb	111	4.35	1.54	0.27	0.018	0.010	0.134	
right jamb	111	4.35	1.54	0.27	0.018	0.010	Grade D	

Valid through June 2023