


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 - facing	South-facing			Guardian 1-3/8 OA-CG7036#2-Arg95-CG7036#4-Arg95-Clr 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			1.12	0.20	0.301	0.693 0.122		
7			1.11	0.20	0.301	0.682 0.120		
6			1.11	0.19	0.301	0.676 0.119		
5			1.11	0.19	0.301	0.676 0.119		
4			1.11	0.19	0.301	0.676 0.119		
Marine North			1.11	0.19	0.301	0.677 0.119		
Marine South	✓	✓	1.11	0.20	0.301	0.680 0.120		
3			1.11	0.19	0.301	0.678 0.119		
2 West			1.11	0.20	0.301	0.686 0.121		
2 East	✓	✓	1.11	0.20	0.301	0.686 0.121		
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	0.018	0.010	0.233
	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	0.019	0.011	0.134	
right jamb	111	4.35	1.54	0.27	0.019	0.011	Grade D	

Valid through June 2023