


Calculation based on ISO 15099

Product name: <b>Kohltech CPVC Inswing Door FX Sidelite</b>			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South-facing			Guardian 1.0" OA ClrGuard-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			1.35	0.24	0.581	0.995 0.175		
7			1.35	0.24	0.581	1.005 0.177		
6			1.36	0.24	0.581	1.017 0.179		
5			1.36	0.24	0.581	1.020 0.180		
4			1.37	0.24	0.581	1.026 0.181		
Marine North			1.37	0.24	0.581	1.030 0.181		
Marine South			1.37	0.24	0.581	1.037 0.183		
3			1.37	0.24	0.581	1.033 0.182		
2 West			1.38	0.24	0.581	1.040 0.183		
2 East			1.38	0.24	0.581	1.040 0.183		
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	1.62	0.29	0.019	0.011	0.243
	Sill	147	5.79	1.86	0.33	0.018	0.011	BTU/hr.ft.F
left jamb	111	4.35	1.62	0.29	0.020	0.012	0.140	
right jamb	111	4.35	1.62	0.29	0.020	0.012	Grade D	

Valid through June 2023