


Calculation based on ISO 15099

Product name: Kohltech CPVC Direct Glazed Sidelite		Center-of-glass properties						
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing 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		0.95	0.17	0.584	0.758 0.134			
7		0.94	0.17	0.584	0.750 0.132			
6		0.94	0.17	0.584	0.748 0.132			
5		0.94	0.17	0.584	0.748 0.132			
4		0.94	0.17	0.584	0.750 0.132			
Marine North		0.94	0.17	0.584	0.752 0.132			
Marine South		0.95	0.17	0.584	0.757 0.133			
3		0.95	0.17	0.584	0.754 0.133			
2 West		0.96	0.17	0.584	0.765 0.135			
2 East		0.96	0.17	0.584	0.765 0.135			
Kohltech CPVC Direct Glazed Premium Plus ZF-S	FRAME		Psi-spacer		Psi-opaque			
	Frame height		U-frame		Ψ	W/mK		
	mm	in	W/m2K	BTU/hr.ft2.F			BTU/hr.ft.F	
	Head	35	1.36	1.07	0.19	0.016	0.009	0.075
	Sill	74	2.93	1.63	0.29	0.021	0.012	BTU/hr.ft.F
left jamb	35	1.36	1.06	0.19	0.016	0.009	0.044	
right jamb	35	1.36	1.06	0.19	0.016	0.009	Grade A	

Valid through June 2023