


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-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			0.89	0.16	0.301	0.693 0.122		
7			0.88	0.16	0.301	0.682 0.120		
6			0.88	0.15	0.301	0.676 0.119		
5			0.88	0.15	0.301	0.676 0.119		
4		✓	0.88	0.15	0.301	0.676 0.119		
Marine North		✓	0.88	0.16	0.301	0.677 0.119		
Marine South	✓	✓	0.88	0.16	0.301	0.680 0.120		
3	✓	✓	0.88	0.16	0.301	0.678 0.119		
2 West	✓	✓	0.89	0.16	0.301	0.686 0.121		
2 East	✓	✓	0.89	0.16	0.301	0.686 0.121		
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	W/mK	BTU/hr.ft.F		
	Head	35	1.36	1.06	0.19	0.016	0.009	0.076
	Sill	74	2.93	1.62	0.29	0.022	0.013	BTU/hr.ft.F
left jamb	35	1.36	1.05	0.18	0.017	0.010	0.044	
right jamb	35	1.36	1.05	0.18	0.017	0.010	Grade A	

Valid through June 2023