


Calculation based on ISO 15099

Product name: CPVC Inswing Door		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		1.11	0.20	0.301	0.693	0.122		
7		1.10	0.19	0.301	0.682	0.120		
6		1.10	0.19	0.301	0.676	0.119		
5		1.10	0.19	0.301	0.676	0.119		
4		1.10	0.19	0.301	0.676	0.119		
Marine North		1.10	0.19	0.301	0.677	0.119		
Marine South	✓ ✓	1.10	0.19	0.301	0.680	0.120		
3		1.10	0.19	0.301	0.678	0.119		
2 West		1.10	0.19	0.301	0.686	0.121		
2 East	✓ ✓	1.10	0.19	0.301	0.686	0.121		
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	0.011	0.229
	Sill	147	5.79	1.74	0.31	0.019	0.011	BTU/hr.ft.F
left jamb	111	4.35	1.54	0.27	0.019	0.011	0.133	
right jamb	111	4.35	1.54	0.27	0.019	0.011	Grade D	

Valid through November 2020