



















Calculation based on ISO 15099

Product name: <b>CPVC_Sidelite</b>			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	
CPVC_Sidelite		FRAME			Psi-spacer		Psi-opaque	
Premium Plus ZF-S		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












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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing			SDL/no Internal grids < 25.4mm				
Climate specific recommendations:		Whole-window installed U-value		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.693	0.122		
7		"	"	"	0.682	0.120		
6		"	"	"	0.676	0.119		
5		"	"	"	0.676	0.119		
4	 	"	"	"	0.676	0.119		
Marine North	 	"	"	"	0.677	0.119		
Marine South	 	"	"	"	0.680	0.120		
3	 	"	"	"	0.678	0.119		
2 West	 	"	"	"	0.686	0.121		
2 East	 	"	"	"	0.686	0.121		
<b>CPVC_Sidelite</b> <b>Premium Plus ZF-S</b>		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		$\Psi$		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
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Climate specific recommendations:		Whole-window installed U-value		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.693	0.122		
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4		"	"	"	0.676	0.119		
Marine North		"	"	"	0.677	0.119		
Marine South		"	"	"	0.680	0.120		
3		"	"	"	0.678	0.119		
2 West		"	"	"	0.686	0.121		
2 East		"	"	"	0.686	0.121		
CPVC_Sidelite 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	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	
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<b>Climate specific recommendations:</b>		Whole-window installed U-value		<u>Ucog-Value</u>			
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<b>CPVC_Sidelite Premium Plus ZF-S</b>		FRAME		Psi-spacer		Psi-opaque	
		Frame height		U-frame		Ψ	
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	
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CPVC_Sidelite 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		
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CPVC_Sidelite Premium Plus ZF-S		FRAME		Psi-spacer		Psi-opaque	
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<b>CPVC_Sidelite</b> <b>Premium Plus ZF-S</b>			FRAME		Psi-spacer		Psi-opaque		
			Frame height		U-frame		Psi	W/mK	
			mm	in	W/m2K	BTU/hr.ft2.F			W/mK
Head			35	1.36	1.06	0.19	0.016	0.009	0.076
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