



















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 1.0 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	1.13	0.20	0.303	0.936	0.165		
	7	1.14	0.20	0.303	0.943	0.166		
	6	1.15	0.20	0.303	0.953	0.168		
	5	1.15	0.20	0.303	0.956	0.168		
	4	1.15	0.20	0.303	0.961	0.169		
	Marine North	1.15	0.20	0.303	0.964	0.170		
	Marine South	✓	✓	1.16	0.20	0.303	0.969	0.171
	3	1.16	0.20	0.303	0.966	0.170		
2 West	1.16	0.20	0.303	0.971	0.171			
2 East	✓	✓	1.16	0.20	0.303	0.971	0.171	
<b>CPVC_Sidelite</b>	<b>FRAME</b>				<b>Psi-spacer</b>		<b>Psi-opaque</b>	
<b>Premium Plus ZF-S</b>	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	1.22	0.21	0.018	0.011	0.084	
Sill	74	2.93	1.77	0.31	0.025	0.014	BTU/hr.ft.F	
left jamb	35	1.36	1.19	0.21	0.019	0.011	0.049	
right jamb	35	1.36	1.19	0.21	0.019	0.011	Grade A	












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Product name: <b>CPVC_Sidelite</b>		Center-of-glass properties						
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing 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		"	"	"	0.936	0.165		
7		"	"	"	0.943	0.166		
6		"	"	"	0.953	0.168		
5		"	"	"	0.956	0.168		
4	 	"	"	"	0.961	0.169		
Marine North	 	"	"	"	0.964	0.170		
Marine South	 	"	"	"	0.969	0.171		
3	 	"	"	"	0.966	0.170		
2 West	 	"	"	"	0.971	0.171		
2 East	 	"	"	"	0.971	0.171		
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	1.22	0.21	0.018	0.011	0.084	
Sill	74	2.93	1.77	0.31	0.025	0.014	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		
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7		"	"	"	0.943	0.166		
6		"	"	"	0.953	0.168		
5		"	"	"	0.956	0.168		
4		"	"	"	0.961	0.169		
Marine North		"	"	"	0.964	0.170		
Marine South		"	"	"	0.969	0.171		
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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	BTU/hr.ft.F		
Head	35	1.36	1.22	0.21	0.018	0.011	0.084	
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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing			grids/SDL < 25.4mm			
<b>Climate specific recommendations:</b>		Whole-window installed U-value		<u>Ucog-Value</u>			
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
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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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Sill		74	2.93	1.77	0.31	0.025	0.014
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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing			SDL/no Internal grids >= 25.4mm				
Climate specific recommendations:		Whole-window installed U-value		Ucog-Value				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.936	0.165		
7		"	"	"	0.943	0.166		
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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing			grids/SDL >= 25.4mm			
<b>Climate specific recommendations:</b>		Whole-window installed U-value		<u>Ucog-Value</u>			
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8		"	"	"	0.936	0.165	
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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South- facing	 <p>Center-of-glass properties grids/SDL &gt;= 25.4mm</p>				
Climate specific recommendations:			Whole-window installed U-value		Ucog-Value		
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Premium Plus ZF-S		U-frame		Ψ		W/mK	
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