



















Calculation based on ISO 15099

Product name: CPVC_Sidelite		Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - facing				Guardian 1.0" OA ClrGuard-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			1.18	0.21	0.581	0.995	0.175
7			1.19	0.21	0.581	1.005	0.177
6			1.20	0.21	0.581	1.017	0.179
5			1.20	0.21	0.581	1.020	0.180
4			1.21	0.21	0.581	1.026	0.181
Marine North			1.21	0.21	0.581	1.030	0.181
Marine South			1.22	0.21	0.581	1.037	0.183
3			1.21	0.21	0.581	1.033	0.182
2 West			1.22	0.21	0.581	1.040	0.183
2 East			1.22	0.21	0.581	1.040	0.183
CPVC_Sidelite Premium Plus ZF-S		FRAME			Psi-spacer		Psi-opaque
		Frame height		U-frame		Ψ	
mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
Head	35	1.36	1.23	0.22	0.018	0.010	0.084
Sill	74	2.93	1.77	0.31	0.024	0.014	BTU/hr.ft.F
left jamb	35	1.36	1.20	0.21	0.018	0.010	0.048
right jamb	35	1.36	1.20	0.21	0.018	0.010	Grade A


















Valid through January 2021

Calculation based on ISO 15099

Product name: CPVC_Sidelite		Center-of-glass properties						
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		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.995	0.175		
7		"	"	"	1.005	0.177		
6		"	"	"	1.017	0.179		
5		"	"	"	1.020	0.180		
4	 	"	"	"	1.026	0.181		
Marine North	 	"	"	"	1.030	0.181		
Marine South	 	"	"	"	1.037	0.183		
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2 East	 	"	"	"	1.040	0.183		
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		
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4	 	"	"	"	1.026	0.181		
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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	1.23	0.22	0.018	0.010	0.084	
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Climate specific recommendations:		Whole-window installed U-value		<u>Ucog-Value</u>				
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Product name: CPVC_Sidelite		Center-of-glass properties						
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Climate specific recommendations:		Whole-window installed U-value		Ucog-Value				
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8		"	"	"	0.995	0.175		
7		"	"	"	1.005	0.177		
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CPVC_Sidelite Premium Plus ZF-S		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	BTU/hr.ft.F	
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Sill	74	2.93	1.77	0.31	0.024	0.014	BTU/hr.ft.F
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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South- facing	 <p>PHIUS Passive House Institute US</p>				
			Whole-window installed U-value		Ucog-Value		
Climate specific recommendations:			W/m2K	BTU/hr.ft2.F	SHGC	BTU/hr.ft2.F	
			W/m2K	BTU/hr.ft2.F	W/m2K	BTU/hr.ft2.F	
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2 East			"	"	"	1.040 0.183	
CPVC_Sidelite			FRAME		Psi-spacer		Psi-opaque
Premium Plus ZF-S			U-frame		Ψ		
			W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK
Head			0.22	0.22	0.018	0.010	0.084
Sill			0.31	0.31	0.024	0.014	BTU/hr.ft.F
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