


Calculation based on ISO 15099

Product name: Westeck Revolution XL Lift Slide Door		Center-of-glass properties				
ASHRAE/IECC/ DOE North American Climate Zone	South-facing	North, East, West -facing	 Cardinal E270 / kry95 / clr / kry95 / E180 (4mm/4mm/4mm) - 1-3/8" IG_CL 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		0.79	0.14	0.323	0.628	0.111
7		0.76	0.13	0.323	0.595	0.105
6		0.73	0.13	0.323	0.551	0.097
5		0.73	0.13	0.323	0.542	0.096
4		0.72	0.13	0.323	0.529	0.093
Marine North		0.71	0.13	0.323	0.522	0.092
Marine South	✓	0.71	0.13	0.323	0.516	0.091
3	✓	0.71	0.13	0.323	0.519	0.091
2 West		0.71	0.13	0.323	0.519	0.091
2 East		0.71	0.13	0.323	0.519	0.091


Westeck Revolution XL Lift Slide Door Tremco EnerEDGE Horizontal two lite left	FRAME				Psi-spacer	
	Frame height		U-frame		Ψ	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F
left head	177	6.97	0.81	0.14	0.016	0.009
left sill	177	6.97	0.86	0.15	0.017	0.010
left jamb	177	6.97	0.82	0.14	0.016	0.009
right MR	56	2.19	0.71	0.12	0.013	0.007

Westeck Revolution XL Lift Slide Door Tremco EnerEDGE Horizontal two lite right	FRAME				Psi-spacer		Psi-opaque
	Frame height		U-frame		Ψ		
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
right head	177	6.97	0.84	0.15	0.016	0.009	0.150
right sill	177	6.97	0.93	0.16	0.016	0.009	BTU/hr.ft.F
right jamb	177	6.97	0.79	0.14	0.016	0.009	0.086
left MR	56	2.19	1.96	0.35	0.020	0.012	Grade B

For horizontal slider the right MR is the right jamb for the left segment and the left MR is the left jamb for the right segment

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Climate specific recommendations:		Whole-window installed U-value		Ucog-Value		
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F
8		0.84	0.15	0.268	0.628	0.111
7		0.82	0.14	0.268	0.595	0.105
6		0.79	0.14	0.268	0.551	0.097
5		0.78	0.14	0.268	0.542	0.096
4		0.78	0.14	0.268	0.529	0.093
Marine North		0.77	0.14	0.268	0.522	0.092
Marine South	✓	0.77	0.14	0.268	0.516	0.091
3	✓	0.77	0.14	0.268	0.519	0.091
2 West	✓	0.77	0.14	0.268	0.519	0.091
2 East	✓	0.77	0.14	0.268	0.519	0.091


Westeck Revolution XL Lift Slide Tremco EnerEDGE Horizontal two lite left	FRAME				Psi-spacer	
	Frame height		U-frame		Ψ	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F
left head	177	6.97	0.81	0.14	0.016	0.009
left sill	177	6.97	0.86	0.15	0.017	0.010
left jamb	177	6.97	0.82	0.14	0.016	0.009
right MR	56	2.19	0.71	0.12	0.013	0.007

Westeck Revolution XL Lift Slide D Tremco EnerEDGE Horizontal two lite right	FRAME				Psi-spacer		Psi-opaque
	Frame height		U-frame		Ψ		
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
right head	177	6.97	0.84	0.15	0.016	0.009	0.150
right sill	177	6.97	0.93	0.16	0.016	0.009	BTU/hr.ft.F
right jamb	177	6.97	0.79	0.14	0.016	0.009	0.086
left MR	56	2.19	1.96	0.35	0.020	0.012	Grade B

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Climate specific recommendations:		Whole-window installed U-value		Ucog-Value		
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F
8		0.84	0.15	0.216	0.628	0.111
7		0.82	0.14	0.216	0.595	0.105
6		0.79	0.14	0.216	0.551	0.097
5		0.78	0.14	0.216	0.542	0.096
4		0.78	0.14	0.216	0.529	0.093
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2 East	✓	0.77	0.14	0.216	0.519	0.091

Westeck Revolution XL Lift Slide Door	FRAME				Psi-spacer		
	Frame height		U-frame		Ψ		
Tremco EnerEDGE	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
Horizontal two lite left							
left head	177	6.97	0.81	0.14	0.016	0.009	
left sill	177	6.97	0.86	0.15	0.017	0.010	
left jamb	177	6.97	0.82	0.14	0.016	0.009	
right MR	56	2.19	0.71	0.12	0.013	0.007	
Westeck Revolution XL Lift Slide Door	FRAME				Psi-spacer		Psi-opaque
	Frame height		U-frame		Ψ		
Tremco EnerEDGE	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK
Horizontal two lite right							
right head	177	6.97	0.84	0.15	0.016	0.009	0.150
right sill	177	6.97	0.93	0.16	0.016	0.009	BTU/hr.ft.F
right jamb	177	6.97	0.79	0.14	0.016	0.009	0.086
left MR	56	2.19	1.96	0.35	0.020	0.012	Grade B

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