


Calculation based on ISO 15099

Product name: Eurotek 70 Tilt Turn Window					Center-of-glass properties			
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing	<div> Passive House Institute US</div>		Cardinal E366 / Arg / Clr - 23.7mm (5mm-5mm)_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			1.57	0.28	0.271	1.385	0.244	
7			1.52	0.27	0.271	1.310	0.231	
6			1.45	0.25	0.271	1.200	0.211	
5			1.43	0.25	0.271	1.174	0.207	
4			1.40	0.25	0.271	1.133	0.200	
Marine North			1.39	0.24	0.271	1.111	0.196	
Marine South			1.37	0.24	0.271	1.088	0.192	
3			1.38	0.24	0.271	1.100	0.194	
2 West			1.36	0.24	0.271	1.071	0.189	
2 East			1.36	0.24	0.271	1.071	0.189	
Eurotek 70 Tilt Turn Window		FRAME				Psi-spacer		Psi-opaque
Super Spacer		Frame height		U-frame		□		W/mK
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
Head		120	4.71	1.60	0.28	0.017	0.010	0.228
Sill		120	4.71	1.60	0.28	0.017	0.010	BTU/hr.ft.F
left jamb		120	4.71	1.59	0.28	0.017	0.010	0.132
right jamb		120	4.71	1.59	0.28	0.017	0.010	Grade D

Valid through December 2023