



Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Wide Fixed				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing				Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA 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			0.98	0.17	0.613	0.769	0.135	
7			0.98	0.17	0.613	0.762	0.134	
6			0.97	0.17	0.613	0.760	0.134	
5			0.97	0.17	0.613	0.760	0.134	
4			0.98	0.17	0.613	0.762	0.134	
Marine North			0.98	0.17	0.613	0.765	0.135	
Marine South			0.98	0.17	0.613	0.770	0.136	
3			0.98	0.17	0.613	0.767	0.135	
2 West			0.99	0.17	0.613	0.779	0.137	
2 East			0.99	0.17	0.613	0.779	0.137	
Kohltech 2020 Supreme Wide Fixed EnerEdge		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		□		W/mK
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
		Head	64	2.51	1.28	0.23	0.016	0.009
Sill	64	2.51	1.28	0.23	0.016	0.009	BTU/hr.ft.F	
left jamb	64	2.51	1.27	0.22	0.016	0.009	0.059	
right jamb	64	2.51	1.27	0.22	0.016	0.009	Grade A	

Valid through March 2024

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ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing	 <p>Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA Internal grids < 25.4mm maintain 3mm clearance</p>							
Climate specific recommendations:		Whole-window installed U-value				Ucog-Value				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F				
8		0.98	0.17	0.539	0.769	0.135				
7		0.98	0.17	0.539	0.762	0.134				
6		0.97	0.17	0.539	0.760	0.134				
5		0.97	0.17	0.539	0.760	0.134				
4		0.98	0.17	0.539	0.762	0.134				
Marine North		0.98	0.17	0.539	0.765	0.135				
Marine South		0.98	0.17	0.539	0.770	0.136				
3		0.98	0.17	0.539	0.767	0.135				
2 West		0.99	0.17	0.539	0.779	0.137				
2 East		0.99	0.17	0.539	0.779	0.137				
Kohltech 2020 Supreme Wide Fixed EnerEdge			FRAME		Psi-spacer		Psi-opaque			
			Frame height		U-frame		□		W/mK	
			mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
			Head	64	2.51	1.28	0.23	0.016	0.009	0.102
			Sill	64	2.51	1.28	0.23	0.016	0.009	BTU/hr.ft.F
left jamb	64	2.51	1.27	0.22	0.016	0.009	0.059			
right jamb	64	2.51	1.27	0.22	0.016	0.009	Grade A			

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