



Calculation based on ISO 15099

Product name: Kohltech CPVC Outswing Transom				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing			Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1"OA No Grids			
Climate specific recommendations:					Whole-window installed U-value		Ucog-Value	
			W/m2K	BTU/hr.ft2.F	SHGC	BTU/hr.ft2.F		
						W/m2K		
8			1.10	0.19	0.330	0.936	0.165	
7			1.11	0.19	0.330	0.943	0.166	
6			1.11	0.20	0.330	0.953	0.168	
5			1.12	0.20	0.330	0.956	0.168	
4			1.12	0.20	0.330	0.961	0.169	
Marine North			1.12	0.20	0.330	0.964	0.170	
Marine South	<input checked="" type="checkbox"/>		1.13	0.20	0.330	0.969	0.171	
3			1.13	0.20	0.330	0.966	0.170	
2 West			1.13	0.20	0.330	0.971	0.171	
2 East			1.13	0.20	0.330	0.971	0.171	
Kohltech CPVC Outswing Transom Super Spacer Premium Enhanced		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			
Head	34	1.36	1.20	0.21	0.020	0.012	0.064	
Sill	34	1.36	1.20	0.21	0.020	0.012	BTU/hr.ft.F	
left jamb	34	1.36	1.27	0.22	0.019	0.011	0.037	
right jamb	34	1.36	1.27	0.22	0.019	0.011	Grade A+	


Valid through April 2024

Calculation based on ISO 15099

Product name: Kohltech CPVC Outswing Transom			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing			Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1"OA Internal grids < 25.4mm maintain 3mm clearance			
Climate specific recommendations:					Whole-window installed U-value		Ucog-Value	
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8			1.10	0.19	0.292	0.936	0.165	
7			1.11	0.19	0.292	0.943	0.166	
6			1.11	0.20	0.292	0.953	0.168	
5			1.12	0.20	0.292	0.956	0.168	
4			1.12	0.20	0.292	0.961	0.169	
Marine North			1.12	0.20	0.292	0.964	0.170	
Marine South	✓	✓	1.13	0.20	0.292	0.969	0.171	
3			1.13	0.20	0.292	0.966	0.170	
2 West			1.13	0.20	0.292	0.971	0.171	
2 East	✓	✓	1.13	0.20	0.292	0.971	0.171	
Kohltech CPVC Outswing Transom Super Spacer Premium Enhanced			FRAME		Psi-spacer		Psi-opaque	
			Frame height		U-frame		□	
mm		in		W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	
Head		34	1.36	1.20	0.21	0.020	0.012	0.064
Sill		34	1.36	1.20	0.21	0.020	0.012	BTU/hr.ft.F
left jamb		34	1.36	1.27	0.22	0.019	0.011	0.037
right jamb		34	1.36	1.27	0.22	0.019	0.011	Grade A+


Valid through April 2024

Calculation based on ISO 15099

Product name: Kohltech CPVC Outswing Transom				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - South-facing	North, East, West - facing			Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1"OA 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			1.16	0.20	0.292	0.936	0.165	
7			1.16	0.20	0.292	0.943	0.166	
6			1.17	0.21	0.292	0.953	0.168	
5			1.17	0.21	0.292	0.956	0.168	
4			1.18	0.21	0.292	0.961	0.169	
Marine North			1.18	0.21	0.292	0.964	0.170	
Marine South	✓	✓	1.19	0.21	0.292	0.969	0.171	
3			1.18	0.21	0.292	0.966	0.170	
2 West			1.19	0.21	0.292	0.971	0.171	
2 East			1.19	0.21	0.292	0.971	0.171	
Kohltech CPVC Outswing Transom Super Spacer Premium Enhanced			FRAME		Psi-spacer		Psi-opaque	
			Frame height		U-frame		W/mK	BTU/hr.ft.F
mm		in		□		BTU/hr.ft.F		
Head		34	1.36	1.20	0.21		0.020	0.012
Sill		34	1.36	1.20	0.21	0.020	0.012	BTU/hr.ft.F
left jamb		34	1.36	1.27	0.22	0.019	0.011	0.037
right jamb		34	1.36	1.27	0.22	0.019	0.011	Grade A+


Valid through April 2024

Calculation based on ISO 15099

Product name: Kohltech CPVC Outswing Transom			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing			Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1"OA Internal grids >= 25.4mm maintain 3mm clearance			
Climate specific recommendations:					Whole-window installed U-value		Ucog-Value	
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8			1.10	0.19	0.256	0.936	0.165	
7			1.11	0.19	0.256	0.943	0.166	
6			1.11	0.20	0.256	0.953	0.168	
5			1.12	0.20	0.256	0.956	0.168	
4			1.12	0.20	0.256	0.961	0.169	
Marine North			1.12	0.20	0.256	0.964	0.170	
Marine South	✓	✓	1.13	0.20	0.256	0.969	0.171	
3			1.13	0.20	0.256	0.966	0.170	
2 West			1.13	0.20	0.256	0.971	0.171	
2 East	✓	✓	1.13	0.20	0.256	0.971	0.171	
Kohltech CPVC Outswing Transom Super Spacer Premium Enhanced			FRAME		Psi-spacer		Psi-opaque	
			Frame height		U-frame		□	W/mK
mm		in		W/m2K	BTU/hr.ft2.F	W/mK		
Head		34	1.36	1.20	0.21	0.020	0.012	0.064
Sill		34	1.36	1.20	0.21	0.020	0.012	BTU/hr.ft.F
left jamb		34	1.36	1.27	0.22	0.019	0.011	0.037
right jamb		34	1.36	1.27	0.22	0.019	0.011	Grade A+

Valid through April 2024

Calculation based on ISO 15099

Product name: Kohltech CPVC Outswing Transom				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing						
			Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1"OA 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		1.16	0.20	0.256	0.936	0.165		
7		1.16	0.20	0.256	0.943	0.166		
6		1.17	0.21	0.256	0.953	0.168		
5		1.17	0.21	0.256	0.956	0.168		
4		1.18	0.21	0.256	0.961	0.169		
Marine North		1.18	0.21	0.256	0.964	0.170		
Marine South	✓	✓	1.19	0.21	0.256	0.969	0.171	
3		1.18	0.21	0.256	0.966	0.170		
2 West		1.19	0.21	0.256	0.971	0.171		
2 East		1.19	0.21	0.256	0.971	0.171		
Kohltech CPVC Outswing Transom Super Spacer Premium Enhanced	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	34	1.36	1.20	0.21	0.020	0.012	0.064
	Sill	34	1.36	1.20	0.21	0.020	0.012	BTU/hr.ft.F
left jamb	34	1.36	1.27	0.22	0.019	0.011	0.037	
right jamb	34	1.36	1.27	0.22	0.019	0.011	Grade A+	

Valid through April 2024