

CHOICES WITHOUT ANY COMPROMISES

GLAZING DATA - polycarbonate on roof / glass or foam-core panels in walls

Glazing Materials	Color	POLYCARB.	STD. CLEAR	HI PERF. GLASS	Foam-core Panels**
			TEMP. GLASS	Cardinal Low-e 366	
Sheet Thickness		25mm (1")	1"	1"	1"
Structure type		6 wall	2 panes	2 panes	2 wall
Rib Spacing		0.984			
Weight (lbs./sq. ft.)		0.70	3.2 - 4.8*	3.2 - 4.8*	1.05
Light Transmission (%)	Clear	68	81	65	
	Bronze	15	61	48	Alum. Skinned
	Opal	24			
	White				Alum. Skinned
Shading Coefficient	Clear	0.75	0.88	0.45	
	Bronze	0.45	0.72	0.35	Alum. Skinned
	Opal	0.52			
	White				Alum. Skinned
Solar Transmission (%)	Clear	66	69	25	
	Bronze	49	54		Alum. Skinned
	Opal	50			
	White				Alum. Skinned
Solar Heat Gain Coefficient	Clear	0.73	0.76	0.39	
	Bronze	0.48	0.62	0.31	Alum. Skinned
	Opal	0.49			
	White				
Sound Reduction Values		23			
U-Value (BTU/hr.-sq. ft. - °F)		0.264	0.48	0.29 / 0.24	0.128
R-Value		3.78	2.08	3.45	7.8
Min. Cold Bending Radius		14.27'			
Available Widths		***4'	up to 4'	up to 4'	4'

*** Cust.Width Avail.

** Cust.Colors Avail.

***GLASS WEIGHTS:**

1/8" TEMP. OVER 1/8" TEMP. = 3.2 LBS. / FT.

3/16" TEMP. OVER 3/16" TEMP. = 4.8 LBS. / FT.

1/4" TEMP. OVER 1/4" TEMP. = 5.8 LBS. / FT.

