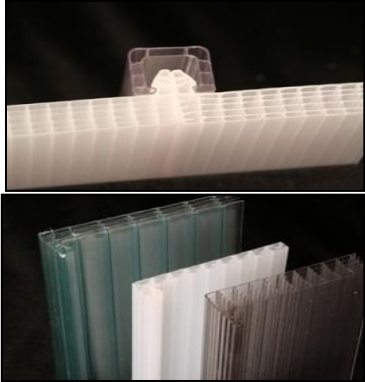
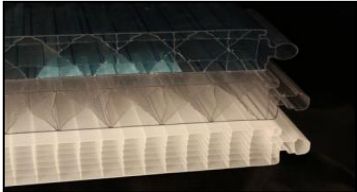


Polycarbonate Performance Matrix

Standard Widths:
 Batten 23.63"
 Tongue & Groove 40mm - 19.70"
 Standard Lengths: 24' - 39'

STANDARD ARCHITECTURAL SHEETS	Standing Seam			Tongue & Groove	
					
Number of Layers	4	4	6	7	6
Duo-Gard model number	G-8-BT	G-12-BT	G-20-BT	G-40-TG	AS-40-TG
Sheet mm	8	12	20	40	40
Thickness in	5/16"	15/32"	25/32"	1-9/16"	1-9/16"
Weight lbs/sq ft	.400	.470	.655	.717	.819
U-Value	.58	.48	.37	.28	.27
with Lumira	N/A	N/A	N/A	N/A	.10
R-Value	1.72	2.08	2.7	3.57	3.7
Minimum Bending Radius	78"	78"	156"		
Light Transmission (LT)					
(%) Clear	72	72	65	68	49
with Lumira	N/A	N/A	N/A	N/A	38
(%) Bronze	50	50	30	50	N/A
(%) Opal	47	47	40	30	50
Shading Coefficient (SC)					
Clear	0.82	0.80	0.78	0.78	0.73
Bronze	0.67	0.67	0.57		N/A
Opal	0.67	0.67	0.51	0.45	0.66
Solar Heat Gain Coefficient (SHGC)					
Clear	0.72	0.72	0.68	0.68	0.53
With Lumira	N/A	N/A	0.7	N/A	0.42
Bronze	0.58	0.58	0.49		
Opal	0.58	0.58	0.45	0.39	0.57

Standard Colors:
Standing Seam-Clear, Bronze and Opal
 Blue and Green are available based on availability
Tongue & Groove-Clear and Opal
 Blue is available based on availability
NFRC 'center of glazing' rated values

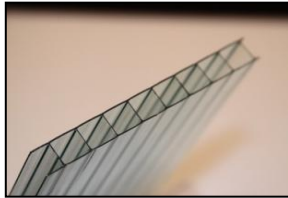

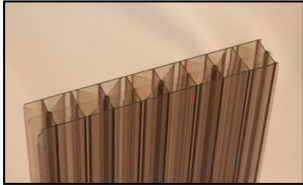
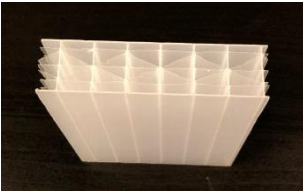
Polycarbonate Performance Matrix

Standard Widths:

Flat Sheet 6mm-25mm - 48" and 72"

Exception: *G-25-XW 25mm - 49.25"

Standard Lengths: 24' - 39'

STANDARD FLAT SHEETS	Twin-Wall			Triple-Wall		X-Wall		
						 		
Number of Layers	2			3		5	7	7
Duo-Gard model number	G-6-2W	G-8-2W	G-10-2W	G-16-3W	*G-25-3W	G-16-XW	*G-25-XW	AS-25-XW
Sheet mm	6	8	10	16	25	16	25	25
Thickness in	1/4"	5/16"	3/8"	5/8"	1"	5/8"	1"	1"
Weight lbs/sq ft	.266	.307	.308	.553	.665	.522	.700	.655
U-Value	.61	.58	.52	.40	.34	.37	.29	.30
with Lumira	N/A	N/A	.32	.26	.16	N/A	N/A	N/A
R-Value	1.64	1.72	1.92	2.50	2.94	2.7	3.44	3.33
Minimum Bending Radius	41"	55"	69"	110"	173"	137"		
Light Transmission (LT)								
(%) Clear	80	81	80	74	72	65	57	57
with Lumira	N/A	N/A	60	52	49	N/A	N/A	N/A
(%) Bronze	51	65	65	37	35	30	N/A	25
(%) Opal	57	57	57	52	35	40	27	46
Shading Coefficient (SC)								
Clear	0.91	0.94	0.94	0.86	0.75	0.78	0.75	0.61
Bronze	0.76	0.80	0.86	0.65		0.57	N/A	0.57
Opal	0.76	0.75	0.74	0.72	0.58	0.52	0.62	0.62
Solar Heat Gain Coefficient (SHGC)								
Clear	0.80	0.82	0.82	0.75	0.78	0.68	0.61	0.065
with Lumira	N/A	N/A	0.70	0.57	0.54	N/A	N/A	N/A
Bronze	0.66	0.69	0.69	0.56		0.49	N/A	0.42
Opal	0.66	0.65	0.64	0.63	0.51	0.45	0.37	0.47

Standard Colors: Clear, Bronze and Opal

*Available in Clear and Opal only

Blue and Green are available based on availability

NFRC 'center of glazing' rated values