

ENERGY Select™

73 | 63 | R42 | 40 | 36 | 31 | 28 | 23

Energy Select™ Dual Insulating Units - 1/4" (6mm) | 1/2" (12.7mm) | 1/4" (6mm)

Product	Transmittance			Reflection			Winter U-Value		Shading Coefficient	SHGC (100% Air)	LSG	DWI
	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Energy Select 23 #2 Clear	50%	19%	13%	22%	22%	44%	0.29	0.24	0.27	0.23	2.16	0.36
Energy Select 28 #2 Clear	62%	24%	15%	13%	14%	41%	0.29	0.24	0.32	0.28	2.18	0.47
Energy Select 31 #2 Clear	62%	27%	10%	21%	20%	44%	0.29	0.24	0.36	0.31	2.01	0.43
Energy Select 36 #2 Clear	65%	31%	14%	14%	16%	32%	0.29	0.24	0.42	0.36	1.79	0.49
Energy Select 40 #2 Clear	69%	34%	17%	12%	12%	31%	0.29	0.24	0.45	0.39	1.79	0.53
Energy Select R42 #2 Clear	62%	37%	22%	26%	21%	33%	0.30	0.25	0.49	0.42	1.46	0.48
Energy Select 63 #2 Clear	78%	49%	30%	11%	11%	24%	0.30	0.25	0.64	0.55	1.40	0.63
Energy Select 73 #2 Clear	74%	55%	40%	16%	16%	13%	0.33	0.29	0.73	0.63	1.17	0.63

Energy Select™ 20 Dual Insulating Units - 1/4" (6mm) | 1/2" (12.7mm) | 1/4" (6mm)

Product	Transmittance			Reflection			Winter U-Value		Shading Coefficient	SHGC (100% Air)	LSG	DWI
	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Energy Select 20 Pure Grey Clear	31%	13%	6%	6%	12%	15%	0.29	0.24	0.22	0.20	1.58	0.24
Energy Select 20 Pure Bronze Clear	38%	15%	6%	7%	13%	18%	0.29	0.24	0.25	0.21	1.77	0.26
Energy Select 20 Forest Green Clear	46%	16%	5%	9%	14%	8%	0.29	0.24	0.27	0.23	1.99	0.31

Energy Select™ 25 Dual Insulating Units - 1/4" (6mm) | 1/2" (12.7mm) | 1/4" (6mm)

Product	Transmittance			Reflection			Winter U-Value		Shading Coefficient	SHGC (100% Air)	LSG	DWI
	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Energy Select 25 Pure Grey Clear	35%	18%	7%	6%	10%	14%	0.29	0.25	0.29	0.25	1.40	0.28
Energy Select 25 Pure Bronze Clear	39%	20%	6%	7%	15%	16%	0.29	0.25	0.31	0.27	1.47	0.28
Energy Select 25 Forest Green Clear	48%	18%	4%	9%	14%	7%	0.29	0.25	0.30	0.26	1.87	0.34

Tinted Glass with Energy Select™ 28 #3 Surface Dual Insulating Units - 1/4" (6mm) | 1/2" (12.7mm) | 1/4" (6mm)

Product	Transmittance			Reflection			Winter U-Value		Shading Coefficient	SHGC (100% Air)	LSG	DWI
	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Grey Energy Select 28 #3	31%	13%	7%	7%	11%	16%	0.29	0.24	0.28	0.24	1.31	0.25
Bronze Energy Select 28 #3	37%	15%	7%	8%	12%	18%	0.29	0.24	0.30	0.26	1.44	0.26
Pure Green Energy Select 28 #3	54%	20%	9%	12%	12%	13%	0.29	0.24	0.37	0.32	1.68	0.39
Forest Green Energy Select 28 #3	46%	16%	4%	10%	12%	8%	0.29	0.24	0.31	0.27	1.68	0.31
Sky Blue Energy Select 28 #3	51%	19%	10%	11%	12%	13%	0.29	0.24	0.36	0.31	1.63	0.40
Pure Blue Energy Select 28 #3	40%	16%	9%	9%	12%	12%	0.29	0.24	0.32	0.27	1.45	0.35
Midnight Blue Energy Select 28 #3	24%	9%	5%	6%	11%	5%	0.29	0.24	0.22	0.19	1.27	0.23

Tinted Glass with Energy Select™ 36 #3 Surface Dual Insulating Units - 1/4" (6mm) | 1/2" (12.7mm) | 1/4" (6mm)

Product	Transmittance			Reflection			Winter U-Value		Shading Coefficient	SHGC (100% Air)	LSG	DWI
	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Grey Energy Select 36 #3	33%	17%	6%	7%	13%	13%	0.29	0.24	0.33	0.29	1.15	0.25
Bronze Energy Select 36 #3	39%	19%	6%	9%	13%	15%	0.29	0.24	0.36	0.31	1.26	0.27
Pure Green Energy Select 36 #3	56%	23%	8%	13%	14%	12%	0.29	0.24	0.41	0.35	1.59	0.41
Forest Green Energy Select 36 #3	48%	18%	4%	11%	14%	7%	0.29	0.24	0.33	0.29	1.64	0.33
Sky Blue Energy Select 36 #3	54%	23%	9%	13%	14%	12%	0.29	0.24	0.40	0.35	1.54	0.41
Pure Blue Energy Select 36 #3	42%	19%	8%	10%	13%	11%	0.29	0.24	0.36	0.31	1.34	0.36
Midnight Blue Energy Select 36 #3	25%	10%	4%	6%	13%	5%	0.29	0.24	0.23	0.20	1.27	0.23

Performance values are based on representative production samples and product modeling data using LBNL Windows 7.5. Actual values may differ due to variations in the manufacturing process. Environmental conditions based on NFRC 100-2010. Thermal Stress analysis or building codes may determine the requirement for heat treated glass. Contact AGC Technical Services at 888-234-8380 to ensure the correct form of glass is supplied. Damage Weighted Index (DWI—ISO) is a comprehensive measure of UV and Visible parts of the solar spectrum from 300nm to 700nm, and a more accurate predictor of fading than evaluating UV Transmittance alone. Argon data based on 10% Air / 90% Argon. To obtain additional performance data contact AGC or AGCglass.com/tools-and-resources.

PROCESSING CAPABILITIES



CONVENTIONS IN COATING POSITIONS



ABOUT AGC

AGC Glass North America is one of the largest manufacturers of glass and glass-related products in North America, employing more than 4,300 in the United States, Canada and Mexico and offering the widest selection of flat glass for architectural, interior, residential, and industrial applications. AGC glass products are available through an extensive network of glass fabricators and window manufacturers throughout North America