

AGC Commercial Low-E Glass Range



Performance Data

Product Configuration Outboard Inboard	Transmittance			Reflectance			U Value		SC	SHGC	LSG	DWI
	Visible	Solar	UV	Ref Out	Ref Out	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
Clear ENERGY Select® 63 (3)	78%	49%	30%	11%	11%	24%	0.30	0.25	0.67	0.59	1.32	0.63
Clear ENERGY Select® 73 (3)	74%	55%	40%	16%	16%	14%	0.33	0.29	0.79	0.69	1.07	0.63
ES 20 Pure Grey (2) Clear	31%	13%	6%	6%	12%	15%	0.29	0.24	0.22	0.20	1.58	0.24
ES 20 Pure Bronze (2) Clear	38%	15%	6%	7%	13%	18%	0.29	0.24	0.25	0.21	1.77	0.26
ES 20 Forest Green (2) Clear	46%	16%	5%	9%	14%	8%	0.29	0.24	0.27	0.23	1.99	0.31
ES 25 Pure Grey (2) Clear	35%	18%	7%	6%	10%	14%	0.29	0.25	0.29	0.25	1.40	0.28
ES 25 Pure Bronze (2) Clear	39%	20%	6%	7%	15%	16%	0.29	0.25	0.31	0.27	1.47	0.28
ES 25 Forest Green (2) Clear	48%	18%	4%	9%	14%	7%	0.29	0.25	0.30	0.26	1.87	0.34
Stopray® Vision 36T (2) Clear	35%	17%	11%	30%	33%	42%	0.29	0.24	0.24	0.21	1.66	0.28
Stopray® Vision 50T (2) Clear	49%	24%	10%	17%	20%	36%	0.29	0.24	0.33	0.29	1.69	0.37

Performance data based on center of glass, 1" overall insulated glass unit, coatings on clear substrates unless otherwise noted. Performance data calculated using NFRC 100-2010 using LBNL Windows 7.5.

Commercial Low-E Coating Comparison

AGC Glass North America	Vitro® Architectural Glass	Guardian® Glass	Cardinal® Glass Industries	Viracon®	NSG (Pilkington)
ENERGY Select® 23 (2) Clear	Solarban® 90	SunGuard® SuperNeutral® SNX 51/23	LoE³-340®	VNE1-53	No Product
ENERGY Select® 28 (2) Clear	Solarban® 70XL	SunGuard® SuperNeutral® SNX 62/27	LoE³-366®	VNE1-63	No Product
ENERGY Select® 31 (2) Clear	Solarban® 67	SunGuard® AG 50	No Product	VRE1-65	No Product
ENERGY Select® 36 (2) Clear	Solarban® 60	SunGuard® SuperNeutral® SN 68	LoE²-270	VE1-2M	No Product
ENERGY Select® 40 (2) Clear	Solarban® 60	SunGuard® SuperNeutral® SN 68	LoE²-272	VE1-2M	No Product
ENERGY Select® R42 (2) Clear	No Product	No Product	No Product	VRE1-65	No Product
Clear ENERGY Select® 63 (3)	Sungate® 400	SunGuard® Neutral 78/65	LoE-180™	VE1-85	Energy Advantage™
ES 20 Pure Grey (2) Clear	Solarban® 70XL Solargray®	SunGuard® SuperNeutral® SNX 62/27 Gray	No Product	VNE3-63	No Product
ES 20 Pure Bronze (2) Clear	Solarban® 70XL Solarbronze®	No Product	No Product	VNE4-63	No Product
ES 20 Forest Green (2) Clear	Solarban® 70XL Atlantica®	SunGuard® SuperNeutral® SNX 62/27 Green	No Product	VNE8-63	No Product
ES 25 Pure Grey (2) Clear	Solarban® 60 Solargray®	SunGuard® SuperNeutral® SN 68 Gray	No Product	VE3-2M	No Product
ES 25 Pure Bronze (2) Clear	Solarban® 60 Solarbronze®	No Product	No Product	VE4-2M	No Product
ES 25 Forest Green (2) Clear	Solarban® 60 Atlantica®	SunGuard® SuperNeutral® SN 68 Green	No Product	VE8-2M	No Product
Stopray® Vision 36T (2) Clear	Solarban® R100 Clear	SunGuard® SNR 43	No Product	VRE1-38	No Product
Stopray® Vision 50T (2) Clear	Solarban® 67	SunGuard® AG 43	No Product	VRE1-54	No Product

Product performance comparison is to compare similar coating technologies or performance attributes. This chart is not a recommendation as to products being equivalent in terms of aesthetics or performance. For actual product comparisons, it is recommended to view samples and consult the manufacture for performance data of specific products that are being evaluated.

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AGC GLASS NORTH AMERICA

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