



AGC Commercial Low-E Glass Product Range

Performance Data

Product Configuration Outboard Inboard	Transmittance			Reflectance			U Value		SC	SHGC	LSG	DWI
	Visible	Solar	UV	Ref Out	Ref 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%	43%	0.29	0.24	0.36	0.31	2.01	0.43
ENERGY Select® 34 (2) Clear	54%	29%	9%	25%	21%	35%	0.29	0.24	0.39	0.34	1.59	0.38
ENERGY Select® 36 (2) Clear	65%	31%	14%	14%	16%	32%	0.29	0.24	0.41	0.36	1.81	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	0.48	0.42	1.46	0.48
ENERGY Select® 63 (2) Clear	78%	49%	29%	11%	11%	24%	0.30	0.25	0.63	0.55	1.42	0.63
ENERGY Select® 71 (2) Clear	77%	56%	29%	14%	13%	16%	0.32	0.27	0.74	0.64	1.20	0.62
ENERGY Select® 73P (2) Clear	74%	56%	41%	17%	17%	14%	0.34	0.30	0.74	0.64	1.15	0.63
Stopray® Vision 50T (2) Clear	49%	24%	10%	17%	20%	36%	0.29	0.24	0.33	0.29	1.69	0.37
Stopray® Vision 36T (2) Clear	35%	17%	11%	30%	33%	42%	0.29	0.24	0.24	0.21	1.66	0.28
ES 20 Pure Grey (2) Clear	31%	13%	6%	6%	12%	15%	0.29	0.24	0.23	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	1.78	0.26
ES 20 Majestic Grey (2) Clear	46%	18%	9%	9%	13%	20%	0.29	0.24	0.27	0.24	1.92	0.34
ES 20 Forest Green (2) Clear	46%	16%	5%	9%	14%	8%	0.29	0.24	0.26	0.23	2.00	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	40%	20%	6%	7%	15%	16%	0.29	0.25	0.31	0.27	1.47	0.28
ES 25 Majestic Grey (2) Clear	48%	22%	8%	10%	16%	16%	0.29	0.24	0.33	0.29	1.65	0.36
ES 25 Forest Green (2) Clear	48%	18%	4%	9%	14%	7%	0.29	0.25	0.30	0.26	1.87	0.34

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 Window 7.7.

Commercial Low-E Coating Comparison

AGC Glass North America	Vitro® Architectural Glass	Guardian® Glass	Cardinal® Glass Industries	Viracon®	NSG (Pilkington)
ENERGY Select® 23	Solarban® 90	SunGuard® SNX 51/23	LoE ⁴ -452®	VNE1-53	No Product
ENERGY Select® 28	Solarban® 70	SunGuard® SNX 62/27	LoE ³ -366®	VNE1-63	No Product
ENERGY Select® 31	Solarban® 67	SunGuard® Neutral 40	No Product	VRE1-65	No Product
ENERGY Select® 34	No Product	SunGuard® AG 50	No Product	VRE1-59	No Product
ENERGY Select® 36	Solarban® 60	SunGuard® SN 68	LoE2-270	VE1-2M	No Product
ENERGY Select® 40	Solarban® 60	SunGuard® SN 68	LoE2-272	VE1-2M	No Product
ENERGY Select® R42	No Product	No Product	No Product	VRE1-65	No Product
ENERGY Select® 63	Sungate® 400	SunGuard® Neutral 78/65	LoE-180™	VE1-85	Energy Advantage™
ES 20 Majestic Gray	Solarban® 70 Optigray®	SunGuard® SNX 62/27 CrystalGray	No Product	VNE33-63	No Product
ES 20 Pure Gray	Solarban® 70 Solargray®	SunGuard® SNX 62/27 Gray	No Product	VNE3-63	No Product
ES 20 Pure Bronze	Solarban® 70XL Solarbronze®	No Product	No Product	VNE4-63	No Product
ES 20 Forest Green	Solarban® 70 Atlantica®	SunGuard® SNX 62/27 Green	No Product	VNE8-63	No Product
ES 25 Majestic Gray	Solarban® 60 Optigray®	SunGuard® SNX 68 CrystalGray	No Product	VNE33-2M	No Product
ES 25 Pure Gray	Solarban® 60 Solargray®	SunGuard® SN 68 Gray	No Product	VE3-2M	No Product
ES 25 Pure Bronze	Solarban® 60 Solarbronze®	No Product	No Product	VE4-2M	No Product
ES 25 Forest Green	Solarban® 60 Atlantica®	SunGuard® SN 68 Green	No Product	VE8-2M	No Product
Stopray® Vision 36T	Solarban® R100 Clear	SunGuard® SNR 43	No Product	VRE1-38	No Product
Stopray® Vision 50T	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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