

THERMAL PERFORMANCE

Glaz-Tech Industries provides a diverse range of commercial and residential low-emissivity products that integrate energy efficiency and thermal performance. Glaz-Tech's hard and soft coat coatings are customized to meet designer's requirements and provides solutions for both cold or warm climates. Glaz-Tech strives for exceptional solar energy control to establish the balance between natural daylight, glare control and energy savings. Visit glaztech.com for several options on low-e coatings and determine which energy efficient product(s) will work best with your projects.

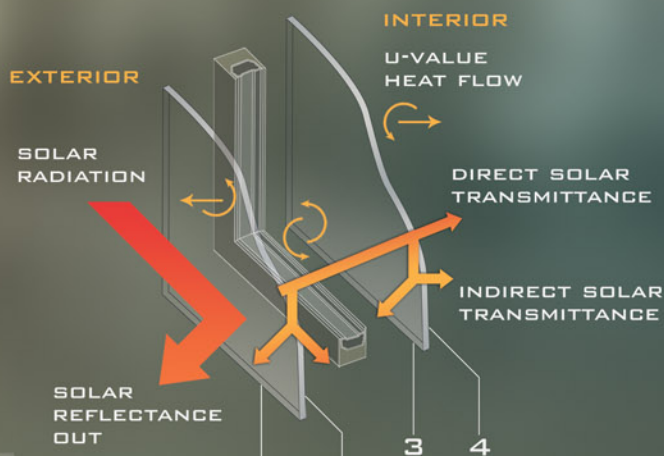


**CHOICE FOR LIGHT.
CHOICE FOR PERFORMANCE.**

LOW-E FEATURES

- Savings on energy costs.
- Excellent solar control.
- Year-round energy efficiency and comfort due to reduction in relative heat-gain.
- Energy efficient window solution for insulating glass units.
- Quality thermal performance in addition with high light transmittance levels.
- Reduces ultraviolet light transmissions.
- Conserves a natural appearance, viewed from the outside or inside.

SOLAR HEAT DIAGRAM



2 Low-E surface. May also be applied to the 3rd surface.



Appearance	Product	Outboard Substrate	Transmission			Reflectance			U-Value		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient
			Visible Light %	Ultra-violet %	Total Solar Energy %	Visible Light Out%	Visible Light In%	Total Solar Energy %	Winter Nighttime	Summer Daytime			

Performance Data

6 mm / 12 mm a.s. / 6 mm

	Clear	SNX 62/27	Clear	62	6	23	11	12	39	0.28	0.27	65	0.31	0.27
	Clear	SN 68	Clear	68	29	33	11	12	32	0.29	0.28	90	0.43	0.38
	Ultra Clear	SN 68	UltraWhite	69	31	34	11	12	39	0.29	0.28	92	0.44	0.38
	Green	SN 68	Green	58	14	24	9	11	9	0.29	0.28	73	0.34	0.30
	Light Gray	SN 68	CrystalGray	49	17	24	8	11	16	0.29	0.28	72	0.34	0.30
	Clear	SN 54	Clear	54	15	23	13	18	33	0.29	0.27	68	0.32	0.28
	Ultra Clear	SN 54	UltraWhite	54	16	24	13	18	41	0.29	0.27	69	0.32	0.28
	Green	SN 54	Green	46	7	17	10	18	10	0.29	0.27	59	0.27	0.24
	Light Gray	SN 54	CrystalGray	39	9	17	9	17	17	0.29	0.27	57	0.26	0.23
	Light Silver	AG50	Clear	50	26	28	28	18	36	0.30	0.28	80	0.38	0.33
	Green	AG50	Green	43	12	19	21	18	14	0.30	0.28	62	0.29	0.25
	Silver Gray	AG50	CrystalGray	36	15	20	17	18	19	0.30	0.28	64	0.30	0.26
	Light Silver	AG 43	Clear	41	23	24	30	15	33	0.31	0.30	71	0.33	0.29
	Green	AG 43	Green	35	11	15	23	14	14	0.31	0.30	55	0.26	0.23
	Silver Gray	AG 43	CrystalGray	30	13	16	18	14	18	0.31	0.30	58	0.27	0.24
	Royal Blue	Royal Blue 40	Clear	38	21	24	24	18	24	0.31	0.31	76	0.36	0.31
	Blue Green	Royal Blue 40	Green	32	9	15	19	17	12	0.31	0.31	56	0.26	0.23

Also Available

6 mm / 12 mm a.s. / 6 mm

	Clear	Ti-AC 40	Clear	68	39	34	10	11	30	0.29	0.28	93	0.45	0.39
	Clear	Comfort E2	Clear	74	38	54	14	16	13	0.34	0.34	148	0.72	0.63
	Clear	Sungate 500	Clear	74	42	54	16	17	14	0.35	0.35	147	0.71	0.62

Residential Low-E

3 mm / 12 mm a.s. / 3 mm

	Clear	RLE 71/38	Clear	71	24	36	10	12	37	0.29	0.27	94	0.45	0.39
	Clear	RLE 70/36	Clear	70	30	34	11	13	40	0.29	0.28	88	0.42	0.37
	Clear	RLE 55/27	Clear	55	18	24	12	17	37	0.29	0.27	68	0.32	0.28
	Clear	Comfort E2 (3)	Clear	76	45	61	16	15	16	0.35	0.35	174	0.84	0.73
	Clear	Sungate 500	Clear	76	49	62	17	18	15	0.35	0.35	159	0.77	0.67

Guardian, AGC and PPG reserve the right to change product performance characteristics without notice or obligation.

Tucson, AZ - 520.629.0268

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Phoenix, AZ - 602.272.1544

Salt Lake City, UT - 801.467.3136



El Paso, TX - 575.589.4970

Denver, CO - 303.399.8587

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