

Xtreme Low-E Glass

for Commercial & Residential Applications

Glaz-Tech Industries provides a broad range of commercial and residential low emissivity products that integrate energy efficiency and thermal performance without compromising visibility. Glaz-Tech's hard and soft coat coatings are customized to meet customer's requirements and provide solutions for both cold or warm climates. Visit glaztech.com and browse through low-e coatings that will benefit your investment.



Commercial

Low-E Features

- Saves on energy costs for hot or cold climates.
- Excellent solar control while in conjunction with insulating units.
- Year-round energy efficiency and comfort due to reduction in relative heat-gain.
- Reduces ultraviolet light transmissions protecting indoor items from fading.
- Conserves a natural appearance viewed from the outside or inside.
- Effective and suitable when comparing to single or standard double glazed units.

Residential



GLAZ-TECH INDUSTRIES
DESIGN THROUGH GLASS

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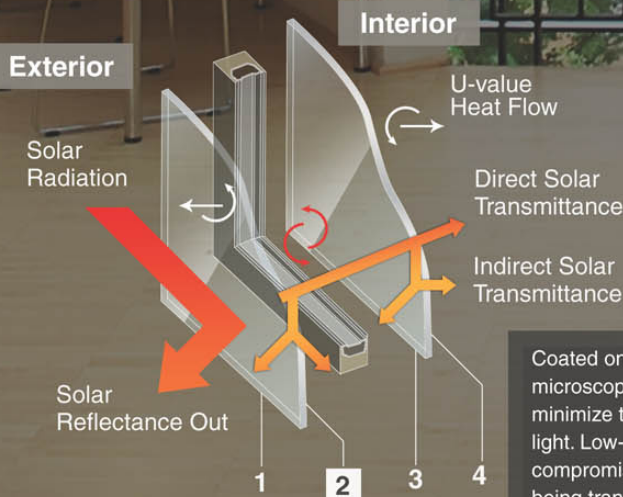
Product	Outboard Substrate	Transmission			Reflectance			U-Value		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient
		Visible Light %	Ultra-violet %	Total Solar Energy %	Visible Light Out%	Visible Light In%	Total Solar Energy %	Winter Nighttime	Summer Daytime			
Commercial Low-E 6 mm / 12 mm a.s. / 6 mm (Coating #2 Surface Unless Otherwise Specified)												
SNX 51/23	Clear	51	10	19	14	13	35	0.29	0.27	57	0.27	0.23
SNX 62/27	Clear	62	6	23	11	12	39	0.29	0.27	65	0.31	0.27
SNX 62/27 + IS 20	Clear	60	6	22	11	13	40	0.23	0.21	62	0.29	0.26
SN 68	Clear	68	29	33	11	12	32	0.29	0.28	90	0.43	0.38
SN 68 + IS 20	Clear	66	28	32	11	13	32	0.24	0.22	86	0.42	0.36
SN 54	CrystalGray	39	9	17	9	17	17	0.29	0.27	57	0.26	0.23
SN 54	Green	46	7	17	10	18	10	0.29	0.27	59	0.27	0.24
Energy Select 28	Clear	62	15	24	13	14	41	0.29	0.24	-	0.32	0.28
Energy Select 40	Clear	70	17	34	12	13	31	0.29	0.27	93	0.44	0.39
Energy Select 25	Grey	36	-	-	6	-	-	0.29	-	-	-	0.25
Energy Select 25	Bronze	40	-	-	7	-	-	0.29	-	-	-	0.27
Energy Select 25	Green	51	-	-	10	-	-	0.29	-	-	-	0.28
Energy Select 31	Clear	62	-	-	21	-	-	0.29	-	-	-	0.31
Comfort E2	Clear	74	39	54	14	16	13	0.34	0.35	148	0.72	0.63
Sungate 500	Clear	74	42	54	16	17	14	0.35	0.35	147	0.71	0.62

SunGuard IS 20 is Guardian's interior-surface coating designed for all types of commercial glazings. IS 20 can be used on the #4 surface of a double-glazed IG unit in conjunction with another SunGuard low-e coating on the #2 surface. SunGuard IS20 allows for a high visible light transmittance, neutral color with low haze, ultra-smooth surface and can be cleaned with common glass cleaners. - Guardian | SunGuardGlass.com

Residential Low-E 3 mm / 12 mm a.s. / 3 mm (Coating #2 Surface Unless Otherwise Specified)												
RLE 55/27	Clear	55	18	24	12	17	37	0.29	0.27	68	0.32	0.28
RLE 70/36	Clear	70	30	34	11	13	40	0.29	0.28	88	0.42	0.37
Comfort E2	Clear	76	45	60	15	17	14	0.35	0.35	155	0.75	0.66
Sungate 500	Clear	76	49	61	17	18	15	0.35	0.35	157	0.76	0.66

Guardian, AGC, and PPG reserve the right to change product performance characteristics without notice or obligation. Please contact your local sales representative for product availability as they may vary from each Glaz-Tech branch.

Solar Heat Diagram



Coated on the 2nd surface, low-e microscopic coatings are designed to minimize the amount of UV and infrared light. Low-e coatings are diverse in not compromising the amount of visible light being transmitted.



Performance values for additional low-e products are available online at glaztech.com. Contact your local GTI Sales Rep for low-e availability or for specifications on customized IGs.

Locations

- Tucson AZ Corporate Office** | (520) 629-0268
- Phoenix AZ Office** | (602) 272-1544
- Albuquerque NM Office** | (505) 831-6224
- Santa Teresa NM Office** | (575) 589-4970
- Denver CO Office** | (303) 399-8587
- Salt Lake City UT Office** | (801) 467-3136
- Boise ID Office** | (208) 389-1080
- Baton Rouge LA Office** | (225) 442-7040