



High Performance Tinted Glass

Guardian CrystalGray® & CrystalBlue®

SOFT COLOR. NATURAL LIGHT. LESS GLARE AND MORE ENERGY SAVINGS.

Guardian CrystalBlue:

The Blue Glass that Loves the Light

The latest addition to the Guardian Glass commercial glass portfolio gives architects expanded choice in aesthetics and performance. Guardian CrystalBlue is our new tinted glass substrate, rendered in a beautiful, soft blue color—with outstanding light transmission and energy performance.

Guardian CrystalGray:

Light Gray Tinted Glass for Soft, Neutral Vision

Architects who want glass with neutral color and superior energy performance can choose Guardian CrystalGray. CrystalGray reduces heat gain to levels previously achieved only by highly reflective glasses, helping architects meet stricter energy codes and achieve LEED certification.

At a glance

- Subtle colors let architects complement sky and surroundings with uniform, visually pleasing impressions.
- High light transmission maximizes available visible light to bring life and wellbeing deep within the building core.
- Lowers reflectivity to blend architectural building components with the environment.
- Reduces solar heat gain when coated with Guardian SunGuard performance coatings.
- Improved light-to-solar gain ratio compared to standard gray and blue tinted float glass.
- Dramatic energy savings that meet or exceed local and regional building energy codes.
- Helps projects qualify for LEED credits.

SunGuard products are produced at multiple U.S. locations and are distributed through Guardian's independent network of Select Fabricators. To locate a Select Fabricator, visit www.SunGuardGlass.com.

BUILD WITH LIGHT®



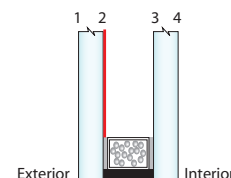
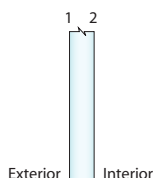
See what's possible™

To learn more, call us at
1-866-GuardSG (482-7374) or visit us online
www.SunGuardGlass.com

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Advanced Architectural Glass



CrystalGray® & CrystalBlue® Tinted Float Glass Performance Data

Product	Outboard - Inboard Substrate	Appearance	Transmittance			Reflectance			U-Value Winter Nighttime		Relative Heat Gain	Solar Heat Gain Co-efficient	Light to Solar Gain (LSG)	
			Visible Light %	Ultra-violet %	Solar Energy %	Visible Light Out %	Visible Light In %	Solar Energy Out %						
									Air	Argon				
Monolithic Uncoated														6 mm
CrystalGray		Light Gray	64	32	55	7	6	6	1.03	n/a	166	0.66	0.96	
CrystalBlue		Light Blue	58	37	59	6	6	6	1.03	n/a	173	0.69	0.84	
SunGuard Coatings			Coating #2 Surface							6 mm/12.7 mm a.s./6 mm				
SNX 62/27	CrystalGray - Clear	Light Gray	44	3	16	8	11	19	0.29	0.24	54	0.22	1.98	
SNX 51/23		Light Gray	36	6	14	9	13	18	0.29	0.24	48	0.20	1.85	
SN 68		Light Gray	48	17	23	8	11	16	0.29	0.25	71	0.30	1.64	
SN 54		Light Gray	38	9	17	9	18	17	0.29	0.24	56	0.23	1.67	
SNR 43		Silver Gray	31	9	13	16	14	21	0.29	0.24	47	0.19	1.59	
AG 50		Silver Gray	35	16	20	16	18	18	0.30	0.25	64	0.26	1.34	
AG 43		Silver Gray	30	14	18	17	14	18	0.30	0.26	60	0.25	1.23	
SNE 50/25		Light Blue												
SNX 62/27	CrystalBlue - Clear	Blue	40	4	15	7	11	25	0.29	0.24	51	0.21	1.91	
SNX 51/23		Blue	33	7	13	9	13	23	0.29	0.24	46	0.19	1.78	
SN 68		Blue	44	19	23	7	11	21	0.29	0.25	70	0.29	1.51	
SN 54		Blue	35	10	16	8	17	22	0.29	0.24	54	0.22	1.57	
SNR 43		Silver Blue	28	11	13	14	13	26	0.29	0.24	46	0.19	1.50	
AG 50		Silver Blue	32	17	20	14	18	21	0.30	0.25	65	0.27	1.20	
AG 43		Silver Blue	28	15	18	15	14	20	0.30	0.26	61	0.25	1.10	

- The performance values shown are nominal and subject to variations due to manufacturing tolerances.
- Guardian performance data are calculated for center-of-glass only (no spacer or framing) in accordance with the LBNL Window 7 program.
- Glass may require heat strengthening or tempering to resist potential thermal stresses. SNR 43 must be heat-treated.
- Relative Heat Gain, Solar Heat Gain Coefficient and/or LSG may change slightly when using argon gas fill.
- Guardian reserves the right to change product performance characteristics without notice or obligation.

Guardian Glass
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