

Solar Control Bird-Friendly Glass Solutions

LOW-E ARCHITECTURAL GLASS FOR THE BIRDS.

Low-E technology combined with frit patterns to mitigate bird collisions

Attributes

- Attractive neutral reflected color.
- Endorsed by the American Bird Conservancy.
- Provides energy efficiency and potential bird collision avoidance.
- May help earn LEED Pilot Credit #55: Bird Collision Deterrence.



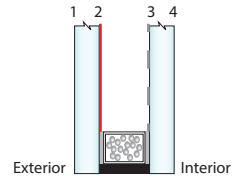
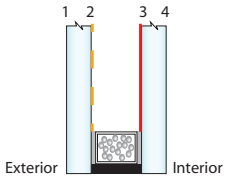
Avoidance Index and Material Threat Scores*

- **20% White Dots (#2) with SunGuard SNX-L 62/34 (#3)**
 - AI Score: 79 • Useable Flights: 87 • MT Score: 21
- **40% White Dots (#2) with SunGuard SNX-L 62/34 (#3)**
 - AI Score: 78 • Useable Flights: 81 • MT Score: 22
- **SunGuard SN 68 (#2) with 20% Dark Gray Lines (#3)**
 - AI Score: 72 • Useable Flights: 87 • MT Score: 28



SunGuard products are distributed through Guardian's independent network of Select Fabricators. To locate a Select Fabricator, visit www.GuardianGlass.com.

Insulating Glass Data



Product	Outboard - Inboard Substrate	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			
Dots on #2 surface, SNX-L on #3 surface										6 mm/12.7 mm a.s./6 mm		
20% white dots / SNX-L 62/34	UltraClear - UltraClear	57	12	24	23	19	53	0.29	0.24	86	0.36	1.61
	Clear - Clear	55	10	22	22	18	42	0.29	0.24	84	0.35	1.58
40% white dots / SNX-L 62/34	UltraClear - UltraClear	47	9	20	33	25	55	0.29	0.24	74	0.30	1.56
	Clear - Clear	46	7	19	32	25	44	0.29	0.24	72	0.30	1.53
SN 68 on #2 surface, 1/8" gray lines on #3 surface												
SN 68 / 20% dark gray lines	UltraClear - UltraClear	56	32	30	11	12	43	0.29	0.25	90	0.37	1.50
	Clear - Clear	54	24	27	11	12	33	0.29	0.25	87	0.36	1.50

* Scores are valid in the described coating and frit configurations using Clear or UltraClear glass.
 • Guardian performance data are calculated for center-of-glass only (no spacer or framing) in accordance with the LBNL Window 7 program.
 • Guardian reserves the right to change product performance characteristics without notice or obligation.
 • Avoidance Index (AI) Scores indicate the fraction of trials in which birds flew towards the unpatterned control glass.
 • As of June 2015, Material Threat (MT) Scores are calculated as (1 - AI) x 100. Note that this calculation is determined by the LEED Pilot Credit committee and is subject to change.

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