

SunGuard® Advanced Architectural Glass

Glass for cold weather. Our comprehensive range of coatings, colors and design solutions allows architects to explore fully the aesthetic and functional possibilities of light while helping to meet complex energy and performance requirements. Drawing on the cumulative expertise of coating experts and production teams throughout the world, Guardian continually applies science and cutting-edge technology to the development of new SunGuard products that expand the limits of aesthetics and performance. This datasheet displays performance data of SunGuard products with IS 20 and triple-glazed configurations designed for cold-weather performance.

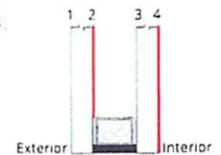
- SNX 62/27
- SNE 50/25
- SNR 43
- SN 68
- Neutral 78/65
- SNX 51/23
- SNR 50
- SNR 35
- SN 54
- IS 20

Demanding Performance

Whether your commercial glass project is located in a hot, sunny climate, a cold climate or somewhere in-between, Guardian Glass has a product to help meet the environmental demands. From spectrally-selective coatings with high visible light transmission to varying levels of reflectivity, SunGuard Advanced Architectural Glass delivers maximum energy savings that help meet or exceed energy code requirements.

Specifications and Resources

Design professionals in search of [3-part specifications](#), [BIM objects](#) and other design tools like our award-winning [Glass Analytics](#) can find resources on our web site. For direct help, call 1-886-482-7374



SunGuard – Insulating Glass Data with IS 20(#4)

Product	Substrate Outboard-Inboard	Appearance	Visible Light				UV	SHGC	U-Value	Light to Solar Gain	SHGC	U-Value	Light to Solar Gain
			Transmittance %	Reflectance		Color Rendering Index	Transmittance %						
				Out %	In %								
Coating #2 surface with IS 20 #4 surface													
SNX 62/27	Guardian UltraClear® Clear-Clear	Ultra Clear	62	12	13	94.9	8	0.26	0.20	2.43	0.26	0.23	2.41
		Clear	60	12	13	92.9	6	0.25	0.20	2.37	0.26	0.23	2.33
SNX 51/23	Guardian UltraClear Clear-Clear	Neutral Blue	51	14	15	94.2	12	0.22	0.20	1.34	0.22	0.23	2.30
		Neutral Blue	49	14	14	91.9	10	0.22	0.20	2.27	0.22	0.23	2.22
SNE 50/25	Guardian UltraClear Clear-Clear	Blue-Silver	48	19	18	91.3	21	0.24	0.20	1.99	0.25	0.23	1.97
		Blue-Silver	47	19	18	88.9	16	0.24	0.20	1.96	0.24	0.23	1.93
SN 68	Guardian UltraClear Clear-Clear	Ultra Clear	69	12	13	97.8	37	0.38	0.20	1.81	0.38	0.24	1.80
		Clear	66	12	13	95.4	29	0.36	0.20	1.83	0.36	0.24	1.82
SN 54	Guardian UltraClear Clear-Clear	Ultra Clear	55	15	21	97.6	20	0.28	0.20	1.98	0.28	0.24	1.96
		Clear	53	15	20	96.2	15	0.27	0.20	1.96	0.27	0.24	1.93
SNR 50	Guardian UltraClear Clear-Clear	Light Silver	48	27	17	93.8	24	0.24	0.20	1.99	0.25	0.24	1.97
		Light Silver	47	26	17	91.3	18	0.24	0.20	1.97	0.24	0.24	1.94
SNR 43	Guardian UltraClear Clear-Clear	Light Silver	43	29	15	93.5	22	0.22	0.20	1.99	0.22	0.23	1.97
		Light Silver	42	28	15	91.1	17	0.21	0.20	1.96	0.22	0.23	1.92
SNR 35	Guardian UltraClear Clear-Clear	Light Silver	33	36	20	92.1	14	0.16	0.20	2.10	0.16	0.24	2.06
		Light Silver	32	35	19	89.7	11	0.16	0.20	2.02	0.16	0.24	1.97

Please see table notes on following page.

www.guardianglass.com

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See what's possible™

The products in this publication are sold subject to Guardian's standard terms and conditions of sale and their applicability under warranty. It is the responsibility of the purchaser to confirm that the products are suitable for their intended application in compliance with the applicable laws and regulations. Please contact your local Guardian representative to obtain any applicable building and installation guides and for the most current product information.