



SunGuard® SuperNeutral®

MORE NATURAL LIGHT. LESS HEAT GAIN. GREATER ENERGY SAVINGS.

SunGuard® SuperNeutral products can deliver high light transmittance while reducing solar heat gain. Their neutral appearance allows architects to choose a substrate to match their vision and create striking statements of light and color while earning LEED points and controlling energy costs.

SNE 50/25

- Medium visible light transmission: 50%
- Blue-silver exterior appearance
- Solar control: 0.25 SHGC

SNX 62/27

- High light transmission
- Neutral reflected & transmitted color
- SunGuard's highest light-to-solar-gain ratio: LSG 2.31
- Solar control: 0.27 SHGC

SNX 51/23

- Superior solar control: 0.23 SHGC
- Neutral blue outdoor appearance
- Meets the most stringent energy codes in North America

SNR 43

- Medium visible light transmission: 43%
- Light silver-blue exterior appearance
- Solar control: 0.23 SHGC

SuperNeutral 68

- Highest light transmission
- Neutral reflected & transmitted color
- Solar control: 0.38 SHGC

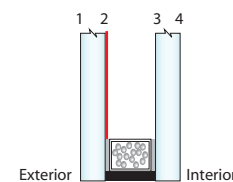
SuperNeutral 54

- Less interior glare
- Neutral outdoor appearance
- Best in class CRI (Color Rendering Index)
- Solar control: 0.28 SHGC

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

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

SuperNeutral[®] Series — Insulating Glass 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			
SuperNeutral			Coating #2 Surface - unless noted (#3)									6 mm/12.7 mm a.s./6 mm	
SNE 50/25	UltraClear - UltraClear	Blue-Silver	50	22	23	19	18	51	0.29	0.24	62	0.25	1.96
	Clear - Clear	Blue-Silver	48	17	21	19	18	40	0.29	0.24	61	0.25	1.90
	CrystalGray - Clear	Blue-Gray	34	9	15	12	17	20	0.29	0.24	51	0.21	1.62
	CrystalBlue - Clear	Light Blue	31	10	15	11	17	25	0.29	0.24	50	0.20	1.53
SNX 62/27	UltraClear - UltraClear	Ultra Clear	64	8	24	11	13	51	0.29	0.24	65	0.27	2.40
	Clear - Clear	Clear	62	6	23	11	12	39	0.29	0.24	65	0.27	2.31
	Green - Clear	Green	52	3	18	9	12	10	0.29	0.24	59	0.24	2.13
	CrystalGray - Clear	Light Gray	44	3	16	8	11	19	0.29	0.24	54	0.22	1.98
	Gray - Clear	Gray	31	3	12	6	11	19	0.29	0.24	45	0.18	1.71
	CrystalBlue - Clear	Blue	40	4	15	7	11	25	0.29	0.24	51	0.21	1.91
SNX 51/23	UltraClear - UltraClear	Neutral Blue	53	14	20	14	14	46	0.29	0.24	57	0.23	2.28
	Clear - Clear	Neutral Blue	51	11	19	14	14	36	0.29	0.24	57	0.23	2.19
	Green - Clear	Blue-Green	43	5	15	11	13	10	0.29	0.24	52	0.22	1.99
	CrystalGray - Clear	Light Gray	36	6	14	9	13	18	0.29	0.24	48	0.20	1.85
	Gray - Clear	Gray	26	5	10	7	13	17	0.29	0.24	41	0.16	1.57
	CrystalBlue - Clear	Blue	33	7	13	9	13	23	0.29	0.24	46	0.19	1.78
SN 68	UltraClear - UltraClear	Ultra Clear	71	40	37	11	13	43	0.29	0.25	94	0.39	1.80
	Clear - Clear	Clear	68	30	33	11	12	33	0.29	0.25	90	0.38	1.80
	Green - Clear	Green	57	13	23	9	12	9	0.29	0.25	72	0.30	1.92
	CrystalGray - Clear	Light Gray	48	17	23	8	11	16	0.29	0.25	71	0.30	1.64
	Gray - Clear	Gray	34	13	18	6	11	16	0.29	0.25	61	0.25	1.37
	CrystalBlue - Clear	Blue	44	19	23	7	11	21	0.29	0.25	70	0.29	1.51
SN 54	UltraClear - UltraClear	Ultra Clear	56	22	26	13	19	44	0.29	0.24	69	0.29	1.96
	Clear - Clear	Clear	54	16	24	13	18	35	0.29	0.24	68	0.28	1.92
	Green - Clear	Green	45	7	17	11	18	10	0.29	0.24	58	0.24	1.89
	CrystalGray - Clear	Light Gray	38	9	17	9	18	17	0.29	0.24	56	0.23	1.67
	Gray - Clear	Gray	27	7	13	7	17	16	0.29	0.24	48	0.19	1.40
	CrystalBlue - Clear	Blue	35	10	16	8	17	22	0.29	0.24	54	0.22	1.57
SNR 43	UltraClear - UltraClear	Light Silver	45	24	21	28	14	54	0.29	0.24	56	0.23	1.96
	Clear - Clear	Light Silver	43	17	19	28	14	43	0.29	0.24	56	0.23	1.89
	Green - Clear	Green	36	8	14	21	14	14	0.29	0.24	50	0.20	1.78
	CrystalGray - Clear	Silver Gray	31	9	13	16	14	21	0.29	0.24	47	0.19	1.59
	Gray - Clear	Silver Gray	22	8	10	10	13	19	0.29	0.24	41	0.17	1.31
	CrystalBlue - Clear	Silver Blue	28	11	13	14	13	26	0.29	0.24	46	0.19	1.50
Surface #3 Coating													
SNX 62/27 (#3)	Bronze - Clear	Bronze	37	2	14	7	10	17	0.29	0.24	64	0.26	1.41
	Green - Clear	Green	52	3	18	10	10	11	0.29	0.24	75	0.31	1.66
	CrystalGray - Clear	Light Gray	44	3	16	8	10	20	0.29	0.24	72	0.30	1.48
	Gray - Clear	Gray	31	3	12	7	10	20	0.29	0.24	59	0.24	1.27
	CrystalBlue - Clear	Blue	40	4	15	8	10	26	0.29	0.24	69	0.29	1.39

- 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 thermal stresses, to meet safety code, or for other reasons. SNR 43 must be heat-treated.
- SNR 43 is only available in a heat-treatable version.
- 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.

* Notes related to coatings designed for #3 surface applications:

- The SunGuard coatings that can be used on the #3 surface are SN 68, SNX 62/27, SNE 50/25 and Neutral 78/65.
- Guardian recommends a tinted or coated outboard lite when SN 68 and SNX 62/27 coatings are used on the #3 surface.
- All other SunGuard coatings are not recommended for use on the #3 surface.