

## SunGuard® SuperNeutral

### SNR 50

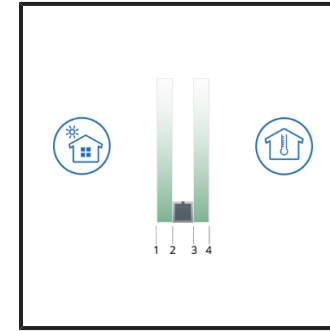
#### Designs come alive with elevated aesthetics and performance

SunGuard® SNR 50 coating is the blend of art and science you've been waiting for. From white clouds to vibrant landscaping, it reflects your project's surroundings with crisp neutrality on the outside. An enhanced 0.25 solar heat gain creates bright and inviting spaces on the inside. This #2 surface coating can be tempered, heat strengthened, laminated or bent. Go big with jumbo sizes. Pair with UltraClear® low-iron glass for an even more neutral appearance while meeting performance requirements. Let your imagination soar.



#### Product Information

<b>Substrate</b> Base Glass/Thickness	Guardian UltraClear/6-12 mm Clear Float/5-12 mm	Guardian CrystalGray/6-10 mm Guardian CrystalBlue/6 mm
<b>Applications</b>	Facades / Windows / Doors / Curtain Walls / Roofs / Skylights	
<b>Manufacturing options</b>	Tempered / Laminated (not embedded) / Heat Soaked / Bent / Heat Strengthened	
<b>Recommended Coating Positions</b>	Double glazed: #2 surface Triple Glazed: #2 surface	
<b>Maximum Size</b>	130"x240"	
<b>Edge Deletion</b>	Yes	
<b>Glass type</b>	Low E	
<b>Glass functions</b>	Solar Control U-Value Benefit	
<b>Fabrication options</b>	Must be used in Insulating Glass Units	



Double Glazed



Triple Glazed

Visible Light			Ultraviolet	Solar Energy						Thermal Properties		Light to Solar Gain (LSG)	
Transmittance	Reflectance		Trans UV(tuv %)	Transmittance	Reflectance		Absorptance	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (sc)	U-Value			
Visible (tv %)	pv % out	pv % in		General Color Rendering Index (Ra)	Solar (te %)	pe % out	pe % in			Solar (ae %)	Winter Night (Btu/hr-ft <sup>2</sup> -F)		Summer Day (Btu/hr-ft <sup>2</sup> -F)
Double Glazed: 6-12.7-6 SunGuard® SuperNeutral SNR 50 on Clear Float #2, Clear Float, 90% Argon fill													
48	26	17	91.3	19	21	42	40	37	0.25	0.28	0.241	0.214	1.96
Double Glazed: 6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian UltraClear #2, Guardian UltraClear, 90% Argon fill													
50	27	17	93.8	25	23	53	52	24	0.25	0.29	0.241	0.214	2.00
Double Glazed: 6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian CrystalGray #2, Clear Float, 90% Argon fill													
34	15	16	88.2	10	15	21	40	64	0.20	0.23	0.241	0.214	1.71
Double Glazed: 6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian CrystalBlue #2, Clear Float, 90% Argon fill													
31	14	16	86.9	12	15	26	40	60	0.19	0.22	0.241	0.214	1.61
Triple Glazed: 6-12.7-6-12.7-6 SunGuard® SuperNeutral SNR 50 on Clear Float #2, Clear Float, Clear Float, 90% Argon fill													
44	28	22	89.7	16	19	43	34	38	0.23	0.26	0.181	0.176	1.93
Triple Glazed: 6-12.7-6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian UltraClear #2, Guardian UltraClear, Guardian UltraClear, 90% Argon fill													
46	29	23	93.4	23	21	54	52	25	0.23	0.27	0.181	0.176	1.99



Triple Glazed

Visible Light			Ultraviolet	Solar Energy						Thermal Properties		Light to Solar Gain (LSG)	
Transmittance Visible ( $t_v$ %)	Reflectance		Trans UV( $t_{uv}$ %)	Transmittance Solar ( $t_e$ %)	Reflectance		Absorptance Solar ( $a_e$ %)	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (sc)	U-Value			
	pv % out	pv % in			General Color Rendering Index (Ra)	pe % out				pe % in	Winter Night (Btu/hr-ft <sup>2</sup> -F)		Summer Day (Btu/hr-ft <sup>2</sup> -F)
Triple Glazed: 6-12.7-6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian CrystalGray #2, Clear Float, Clear Float, 90% Argon fill													
31	16	21	86.6	9	13	21	34	66	0.18	0.20	0.181	0.176	1.72
Triple Glazed: 6-12.7-6-12.7-6 SunGuard® SuperNeutral SNR 50 on Guardian CrystalBlue #2, Clear Float, Clear Float, 90% Argon fill													
28	14	21	85.4	10	13	26	34	61	0.17	0.20	0.181	0.176	1.61

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC 2010 / US Standard.

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