

**BUILD WITH LIGHT.** Our comprehensive range of coatings, colors and design solutions allows architects to explore fully the aesthetic and functional possibilities of light — both interior and exterior — while meeting complex energy and performance requirements.

## SuperNeutral™ Series

### NATURAL LIGHT, NEUTRAL COLOR AND SOLAR PERFORMANCE IN LOW-E GLASS

**SUPERNEUTRAL 68** transmits the most light and has the most neutral appearance of any SunGuard product.

**SUPERNEUTRAL 54** combines a neutral appearance with exceptional solar-energy control to strike the perfect balance between natural daylight, glare control and energy savings.

#### **SUPERNEUTRAL ON ULTRAWHITE™ LOW-IRON GLASS AND CRYSTALGRAY™**

For a stunning, ultra-clear appearance combined with superior energy efficiency, SuperNeutral 68 and SuperNeutral 54 are available with Guardian's UltraWhite in both laminated or standard insulating glass units. SuperNeutral products are also available on new CrystalGray for lower reflectance, reduced glare and improved solar control.

## High Performance Series

### HIGH PERFORMANCE LOW-E COATED GLASS

SunGuard High Performance Series glass delivers medium to high visible light transmission and moderate reflectivity along with maximum energy savings that meet or exceed energy code requirements. There are seven low-emissivity coatings to choose from on both clear and green substrates. In addition, AG Series and Royal Blue 40 are available on new CrystalGray.

<b>LIGHT BLUE 63</b>	<b>NEUTRAL 61</b>	<b>NEUTRAL 50</b>	<b>NEUTRAL 40</b>
<b>AG 50</b>	<b>AG 43</b>	<b>ROYAL BLUE 40</b>	

## Solar Series

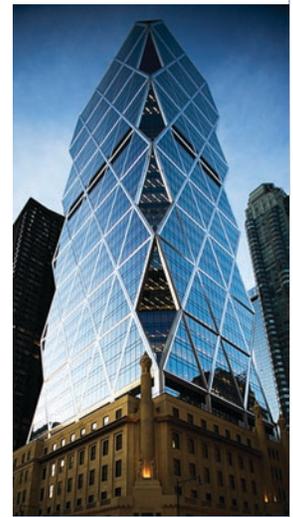
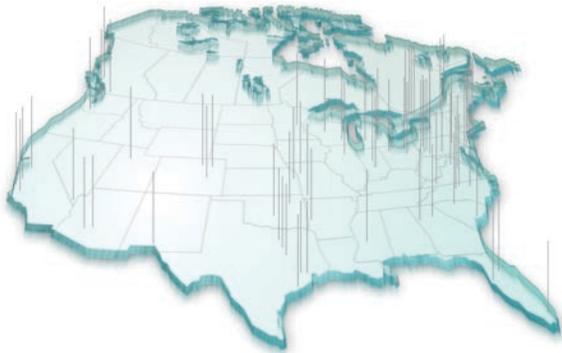
### SOLAR CONTROL REFLECTIVE COATED GLASS

The SunGuard Solar Series consists of two high-performance, solar-reflective coated glass products that specialize in blocking heat. Both deliver energy efficiency that meets or exceeds energy code requirements.

<b>SILVER 32</b>	<b>SILVER 20</b>
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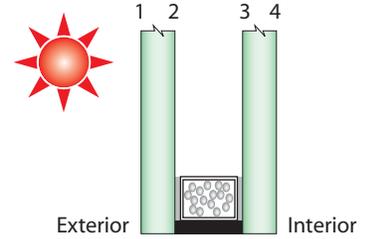
## SunGuard Select™ Fabricators

SunGuard products are produced at several U.S. locations and are distributed through Guardian's independent network of SunGuard Select Fabricators. These fabricators have completed a rigorous certification process administered by Guardian. To locate a SunGuard Select Fabricator, visit [www.SunGuardGlass.com](http://www.SunGuardGlass.com).



**HEARST CORPORATION**  
**NEW YORK, NY, USA**  
 ARCHITECT: Foster & Partners  
 GLAZIER: Permasteelisa  
 FABRICATOR: Zadra  
 GLASS: Guardian SunGuard SuperNeutral Series

To learn more, call us at  
**1-866-GuardSG (482-7374)** or visit us  
 online [www.SunGuardGlass.com](http://www.SunGuardGlass.com)



Appearance	Product	Outboard Substrate	Inboard Substrate	Transmission			Reflectance			U-Value		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient	Light to Solar Gain (LSG)
				Visible Light %	Ultra-violet %	Total Solar Energy %	Visible Light Out %	Visible Light In %	Total Solar Energy %	Winter Nighttime	Summer Daytime				
<b>SunGuard SuperNeutral</b>				Coating #2 Surface								6 mm / 12 mm a.s. / 6 mm			
Ultra Clear	SN 68	UltraWhite	UltraWhite	<b>69</b>	32	36	11	12	39	0.29	0.28	93	0.44	<b>0.39</b>	1.79
Ultra Clear	SN 54	UltraWhite	UltraWhite	<b>55</b>	17	25	13	18	41	0.29	0.27	69	0.33	<b>0.28</b>	1.93
Clear	SN 68	Clear	Clear	<b>68</b>	29	33	11	12	32	0.29	0.28	90	0.43	<b>0.38</b>	1.80
Clear	SN 54	Clear	Clear	<b>54</b>	15	23	13	18	33	0.29	0.27	68	0.32	<b>0.28</b>	1.91
Green	SN 68	Green	Clear	<b>58</b>	14	24	9	11	9	0.29	0.28	73	0.34	<b>0.30</b>	1.90
Green	SN 54	Green	Clear	<b>46</b>	7	17	10	18	10	0.29	0.27	59	0.27	<b>0.24</b>	1.88
Light Gray	SN 68	CrystalGray	Clear	<b>49</b>	18	24	8	11	16	0.29	0.28	72	0.34	<b>0.30</b>	1.65
LightGray	SN 54	CrystalGray	Clear	<b>39</b>	9	17	9	17	17	0.29	0.27	57	0.26	<b>0.23</b>	1.68
				Coating #3 Surface											
Green	SN 68 (#3)	Green	Clear	<b>58</b>	14	24	10	10	10	0.29	0.28	84	0.40	<b>0.35</b>	1.64
Gray	SN 68 (#3)	Gray	Clear	<b>35</b>	13	18	6	9	15	0.29	0.28	71	0.34	<b>0.30</b>	1.20
Bronze	SN 68 (#3)	Bronze	Clear	<b>41</b>	12	20	7	9	16	0.29	0.28	75	0.36	<b>0.31</b>	1.30
Blue	SN 68 (#3)	Blue	Clear	<b>44</b>	17	21	8	9	13	0.29	0.28	78	0.37	<b>0.33</b>	1.33
Dark Green	SN 68 (#3)	SMG III	Clear	<b>51</b>	8	19	9	10	8	0.29	0.28	73	0.35	<b>0.30</b>	1.67
Light Gray	SN 68 (#3)	CrystalGray	Clear	<b>49</b>	17	24	9	10	17	0.29	0.28	85	0.41	<b>0.35</b>	1.39
<b>SunGuard High Performance</b>				Coating #2 Surface								6 mm / 12 mm a.s. / 6 mm			
Light Blue	Light Blue 63	Clear	Clear	<b>62</b>	39	43	15	12	15	0.34	0.35	122	0.59	<b>0.51</b>	1.20
Neutral Pewter	Neutral 61	Clear	Clear	<b>61</b>	27	34	20	15	31	0.30	0.29	95	0.45	<b>0.40</b>	1.53
Neutral Blue	Neutral 50	Clear	Clear	<b>50</b>	30	31	16	11	19	0.33	0.32	94	0.45	<b>0.39</b>	1.28
Neutral Gray	Neutral 40	Clear	Clear	<b>40</b>	26	25	20	12	22	0.33	0.33	78	0.37	<b>0.32</b>	1.25
Light Silver	AG 50	Clear	Clear	<b>50</b>	26	28	28	18	36	0.30	0.28	80	0.38	<b>0.33</b>	1.51
Light Silver	AG 43	Clear	Clear	<b>41</b>	23	24	30	15	33	0.31	0.30	71	0.33	<b>0.29</b>	1.39
Royal Blue	Royal Blue 40	Clear	Clear	<b>38</b>	21	24	24	18	24	0.31	0.31	76	0.36	<b>0.31</b>	1.21
Blue-Green	Light Blue 63	Green	Clear	<b>52</b>	18	26	12	12	8	0.34	0.35	84	0.39	<b>0.35</b>	1.51
Green	Neutral 61	Green	Clear	<b>51</b>	13	23	15	14	11	0.30	0.29	71	0.34	<b>0.30</b>	1.74
Green	Neutral 50	Green	Clear	<b>42</b>	14	20	13	10	9	0.33	0.32	69	0.32	<b>0.28</b>	1.49
Green	Neutral 40	Green	Clear	<b>34</b>	12	16	16	12	10	0.33	0.33	59	0.27	<b>0.24</b>	1.39
Green	AG 50	Green	Clear	<b>43</b>	12	19	21	18	14	0.30	0.28	62	0.29	<b>0.25</b>	1.67
Green	AG 43	Green	Clear	<b>35</b>	11	15	23	14	14	0.31	0.30	55	0.26	<b>0.23</b>	1.52
Aquamarine	Royal Blue 40	Green	Clear	<b>32</b>	9	15	19	17	12	0.31	0.31	56	0.26	<b>0.23</b>	1.40
Silver Gray	AG 50	CrystalGray	Clear	<b>36</b>	15	20	17	18	19	0.30	0.28	64	0.30	<b>0.26</b>	1.38
Silver Gray	AG 43	CrystalGray	Clear	<b>30</b>	13	16	18	14	18	0.31	0.30	58	0.27	<b>0.24</b>	1.25
Blue Gray	Royal Blue 40	CrystalGray	Clear	<b>27</b>	12	17	15	17	14	0.31	0.31	60	0.28	<b>0.25</b>	1.11
<b>SunGuard Solar</b>				Coating #2 Surface								6 mm / 12 mm a.s. / 6 mm			
Silver Blue-Gray	Silver 32	Clear	Clear	<b>29</b>	23	20	22	21	18	0.42	0.44	76	0.35	<b>0.31</b>	0.94
Silver	Silver 20	Clear	Clear	<b>18</b>	15	12	31	27	27	0.39	0.41	54	0.24	<b>0.21</b>	0.84
Blue-Green	Silver 32	Green	Clear	<b>24</b>	11	12	17	21	10	0.42	0.44	61	0.27	<b>0.24</b>	1.00
Green	Silver 20	Green	Clear	<b>15</b>	7	8	24	27	13	0.39	0.41	48	0.21	<b>0.19</b>	0.82
				Solar Coating #2 Surface / SuperNeutral Coating #3 Surface											
Silver Blue-Gray	Silver 32/SN 68	Clear	Clear	<b>24</b>	14	12	21	15	20	0.29	0.28	52	0.24	<b>0.21</b>	1.13
Silver	Silver 20/SN 68	Clear	Clear	<b>15</b>	9	7	31	19	28	0.29	0.27	39	0.17	<b>0.15</b>	0.99
Blue-Green	Silver 32/SN 68	Green	Clear	<b>21</b>	7	9	17	15	10	0.29	0.28	44	0.20	<b>0.18</b>	1.15
Green	Silver 20/SN 68	Green	Clear	<b>13</b>	4	5	24	19	13	0.29	0.27	35	0.16	<b>0.14</b>	0.93

**NOTES:**

- The performance values shown are nominal and subject to variations due to manufacturing tolerances.
- Guardian performance data are calculated in accordance with the LBNL Window 5.2 computer analysis using an air mass of 1.5.
- Outboard lite may require heat strengthening or tempering to resist potential thermal stresses. Please contact Guardian for assistance.
- A slight shift in visible light reflectance or transmission may be noticed after heat-treatment.
- Guardian recommends edge deletion for all commercial low-E coatings.
- Guardian reserves the right to change product performance characteristics without notice or obligation.
- Some product names have changed: Light Blue 63 (formerly LE-63), Neutral 61 (formerly NP-61), Neutral 50 (formerly LE-50) and Neutral 40 (formerly LE-40).

**TO REQUEST SAMPLES**  
 visit [SunGuardGlass.com](http://SunGuardGlass.com) or call 1-866-GuardSG  
 482-7374