

Exceptionally Clear Low-iron Glass



SunGuard® on Guardian UltraClear®

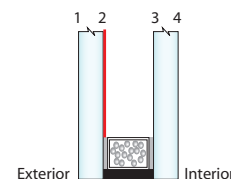
CREATE SPACES THAT FEEL BRIGHT, OPEN AND BOUNDLESS.

Guardian UltraClear low-iron glass is noticeably more clear and color neutral than standard float glass. When combined with the comprehensive range of SunGuard coatings, architects have a palette of colors and design solutions to fully explore the aesthetic and functional possibilities of light — both interior and exterior — while meeting complex energy and performance requirements.

At a glance

- High visible light transmission and neutral color
- Excellent solar control
- Helps projects qualify for LEED credits
- Energy savings that meet or exceed local and regional building energy codes

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 | | | | | | 6 mm/12.7 mm a.s./6 mm | | | | |
| SNX 62/27 | UltraClear - UltraClear | Ultra Clear | 64 | 8 | 24 | 11 | 13 | 51 | 0.29 | 0.24 | 65 | 0.27 | 2.40 |
| SNX 51/23 | | Neutral Blue | 53 | 14 | 20 | 14 | 14 | 46 | 0.29 | 0.24 | 57 | 0.23 | 2.28 |
| SN 68 | | Ultra Clear | 71 | 40 | 37 | 11 | 13 | 43 | 0.29 | 0.25 | 94 | 0.39 | 1.80 |
| SN 54 | | Ultra Clear | 56 | 22 | 26 | 13 | 19 | 44 | 0.29 | 0.24 | 69 | 0.29 | 1.96 |
| SNR 43 | | Light Silver | 45 | 24 | 21 | 28 | 14 | 54 | 0.29 | 0.24 | 56 | 0.23 | 1.96 |
| High Performance Series | | | | | | | | | | | | | |
| Neutral 78/65 (#3) | UltraClear - UltraClear | Ultra Clear | 81 | 54 | 66 | 13 | 13 | 23 | 0.31 | 0.27 | 171 | 0.72 | 1.12 |
| Neutral 78/65 | | Ultra Clear | 81 | 54 | 66 | 13 | 13 | 22 | 0.31 | 0.27 | 160 | 0.68 | 1.19 |
| AG 50 | | Light Silver | 52 | 43 | 33 | 28 | 19 | 41 | 0.30 | 0.25 | 86 | 0.36 | 1.45 |
| AG 43 | | Light Silver | 45 | 38 | 30 | 30 | 15 | 40 | 0.30 | 0.26 | 80 | 0.33 | 1.34 |

- 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.
- 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.

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

