

STOPRAY™ Vision 36T and 50T

ARCHITECTURAL LOW-E



Vision 36T



Vision 36T & Vision 50T



Vision 50T

PRODUCT DESCRIPTION

Stopray Vision 36T and 50T are double silver low-emissivity coated glass products designed for energy efficient commercial buildings in climate regions that demand high performance in solar control and thermal insulation. Stopray Vision 36T and 50T are part of the AGC global product portfolio manufactured in the U.S. AGC continues to make choosing the right product easier: For Every Code. For Every Region.

BENEFITS

- Reduces solar heat gain for greater indoor comfort and energy savings
- Meets energy code requirements for warmer regions
- Vision 36T has a neutral bluish aesthetic and crisp reflectance 30%
- Vision 50T has a very neutral aesthetic and soft reflectance 20%
- Excellent companion products due to soft grey color in transmission

STORAGE AND PROCESSING

- Worry-free transportation, handling, stacking and storing
- Easily processed—including tempering, laminating and insulating
- Must be tempered to achieve final performance and aesthetics
- Supplied with protective film on coated side of glass



HEAT TREATED



INSULATING GLASS



LAMINATED GLASS

CONTINUING EDUCATION

AGC is a registered American Institute of Architects (AIA) continuing education provider, supporting architects with educational opportunities that allow them to expand their knowledge and earn AIA/CES learning units needed for maintaining their AIA membership. Go to cestrong.com to download the app and take our newest course for 1 HSW LU



LEED

As a member of the U.S. Green Building Council (USGBC), AGC supports LEED initiatives by manufacturing products that help optimize natural daylighting, energy-efficiency, indoor comfort and regional sourcing. To learn more about LEED visit usgbc.org



COMMITTED TO ENVIRONMENTAL STEWARDSHIP

AGC is committed to producing quality products, while also promoting environmental stewardship and sustainable building design. This commitment is evident in product innovations that optimize energy performance and improve natural daylighting. AGC's dedication to environmental responsibility extends to the company's manufacturing process as well. AGC utilizes recycled, recovered and reusable materials in its operations, including recycled packaging materials and returnable (reusable) steel racks. Additionally, AGC's internal recycling program is designed to minimize waste and encourage environmental stewardship among employees. AGC has multiple manufacturing facilities in the United States that produce a full range of glazing solutions, utilizing (98%) raw materials that are also sourced domestically. AGC quality management system: ISO 9001:2008 certified.

AGC

BEYOND GLASS™

AGC GLASS COMPANY NORTH AMERICA

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STOPRAY™ Vision 36T and 50T

AGC North America Architectural Low-E Glass Range

PERFORMANCE DATA COMPARISONS - DUAL - All based on 1" (25mm) Unit: 1/4" (6mm) | 1/2" (13mm) spacer | 1/4" (6mm)

Stopray™ Vision 36T and 50T Coatings on Clear Substrate

| Product Configuration Outboard Lite Inboard Lite - Coating (Surface) | Transmittance | | | Reflectance | | | Winter U-Value | | Shading Coefficient | SHGC (Air) | LSG | DW Index |
|---|---------------|-------|-----|-------------|-----|-------|----------------|-------|---------------------|------------|------|----------|
| | Visible | Solar | UV | Out | In | Solar | Air | Argon | | | | |
| Stopray Vision 36T (2) Clear | 35% | 17% | 11% | 30% | 33% | 42% | 0.29 | 0.24 | 0.24 | 0.21 | 1.66 | 0.28 |
| Stopray Vision 50T (2) Clear | 49% | 25% | 12% | 20% | 22% | 38% | 0.29 | 0.24 | 0.34 | 0.30 | 1.65 | 0.38 |

Energy Select™ Coatings on Clear Substrate

| Product Configuration Outboard Lite Inboard Lite - Coating (Surface) | Transmittance | | | Reflectance | | | Winter U-Value | | Shading Coefficient | SHGC (Air) | LSG | DW Index |
|---|---------------|-------|-----|-------------|-----|-------|----------------|-------|---------------------|------------|------|----------|
| | Visible | Solar | UV | Out | In | Solar | Air | Argon | | | | |
| Energy Select 23 (2) Clear | 50% | 19% | 13% | 22% | 22% | 44% | 0.29 | 0.24 | 0.27 | 0.23 | 2.16 | 0.36 |
| Energy Select 28 (2) Clear | 62% | 24% | 15% | 13% | 14% | 41% | 0.29 | 0.24 | 0.32 | 0.28 | 2.18 | 0.47 |
| Energy Select 31 (2) Clear | 62% | 27% | 10% | 21% | 20% | 44% | 0.29 | 0.24 | 0.36 | 0.31 | 2.01 | 0.43 |
| Energy Select 36 (2) Clear | 65% | 31% | 14% | 14% | 16% | 32% | 0.29 | 0.24 | 0.41 | 0.36 | 1.81 | 0.49 |
| Energy Select 40 (2) Clear | 69% | 34% | 17% | 12% | 12% | 31% | 0.29 | 0.24 | 0.45 | 0.39 | 1.79 | 0.53 |
| Energy Select R42 (2) Clear | 62% | 37% | 22% | 26% | 21% | 33% | 0.30 | 0.25 | 0.49 | 0.42 | 1.46 | 0.48 |
| Clear Energy Select 63 (3) | 76% | 48% | 32% | 11% | 11% | 23% | 0.30 | 0.26 | 0.68 | 0.59 | 1.29 | 0.64 |
| Clear Energy Select 73 (3) | 74% | 55% | 40% | 16% | 16% | 14% | 0.33 | 0.29 | 0.79 | 0.69 | 1.07 | 0.63 |

Energy Select™ 20 Triple-Silver on Tinted Substrates

| Product Configuration Outboard Lite Inboard Lite - Coating (Surface) | Transmittance | | | Reflectance | | | Winter U-Value | | Shading Coefficient | SHGC (Air) | LSG | DW Index |
|---|---------------|-------|----|-------------|-----|-------|----------------|-------|---------------------|------------|------|----------|
| | Visible | Solar | UV | Out | In | Solar | Air | Argon | | | | |
| Energy Select 20 Pure Grey (2) Clear | 31% | 13% | 6% | 6% | 13% | 15% | 0.29 | 0.24 | 0.22 | 0.20 | 1.58 | 0.24 |
| Energy Select 20 Pure Bronze (2) Clear | 38% | 15% | 6% | 7% | 13% | 18% | 0.29 | 0.24 | 0.25 | 0.21 | 1.78 | 0.26 |
| Energy Select 20 Forest Green (2) Clear | 46% | 16% | 5% | 9% | 14% | 8% | 0.29 | 0.24 | 0.27 | 0.23 | 2.00 | 0.31 |

Energy Select™ 25 on Tinted Substrates

| Product Configuration Outboard Lite Inboard Lite - Coating (Surface) | Transmittance | | | Reflectance | | | Winter U-Value | | Shading Coefficient | SHGC (Air) | LSG | DW Index |
|---|---------------|-------|----|-------------|-----|-------|----------------|-------|---------------------|------------|------|----------|
| | Visible | Solar | UV | Out | In | Solar | Air | Argon | | | | |
| Energy Select 25 Pure Grey (2) Clear | 35% | 18% | 7% | 6% | 10% | 14% | 0.29 | 0.25 | 0.29 | 0.25 | 1.40 | 0.28 |
| Energy Select 25 Pure Bronze (2) Clear | 40% | 20% | 6% | 7% | 15% | 16% | 0.29 | 0.25 | 0.31 | 0.27 | 1.47 | 0.28 |
| Energy Select 25 Forest Green (2) Clear | 48% | 18% | 4% | 9% | 14% | 7% | 0.29 | 0.25 | 0.30 | 0.26 | 1.87 | 0.34 |

Performance values are based on representative production samples and product modeling data using LBNL Windows 63 software. Actual Values may differ based on variations in the manufacturing process. For more information, please visit us.agc.com or contact technical services 888-234-8380

Environmental conditions based on NFRC 100-2010. Argon data based on 10% air and 90% argon.

Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact AGC Technical Services to ensure the correct for of glass to be supplied.

AGC IS A GLOBAL LEADER IN MANUFACTURING GLASS

AGC is a leading manufacturer of glass and glass-related products, offering an extensive selection of flat glass and high-performance coatings for commercial, residential, interior and industrial applications. The AGC Group employs more than 50,000 worldwide—in more than 30 countries.

Glass Types

Acid-Etched » Back-Painted » Clear and Tinted Float » Coated
Glass » Low-Iron » Patterned » Reflective » Tempered

Brands

Comfort Select » Energy Select » Krystal Klear » Krystal Colours »
Patterns » Matelux » Solarshield » Stopray » Stopsol »

GLASS CALCULATOR



Create quick and accurate glass configurations from our entire catalog of product offerings. Scan code to use the glass calculator.

us.agc.com/glass-calculator



BEYOND GLASS™

AGC GLASS COMPANY NORTH AMERICA

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