



PRODUCT DESCRIPTION

AGC's Stopsol® is a hard-coated architectural glass with a medium-performance reflective coating. Ideal for a variety of commercial buildings, Stopsol is an attractive choice when a reflective appearance is part of the architectural vision. This innovative glass combines a beautiful reflective appearance with excellent solar control properties.

Available in Clear, Green, Grey, Bronze, and Blue substrate colors, Stopsol is also offered in a range of thicknesses to meet a spectrum of architectural and performance needs. The Stopsol family offers three coating options: Classic (amber look), Supersilver (silvered look), and Silverlight (bluish look). Stopsol offers architects a highly customized look.

Stopsol can be used monolithically, or combined with other AGC products as part of an insulating glass unit to deliver custom-tailored energy performance that meets specific regional needs. Stopsol coatings may be used with Matelux® acid-etched glass to achieve a unique aesthetic effect.

BENEFITS

- High reflectivity for privacy and visual comfort
- Outstanding flexibility—customers can select from multiple combinations of solar-control and light-transmission levels, as well as a variety of colors
- Durable hard coating means worry-free handling, stacking, storage, and transportation
- Can be heat-treated, laminated, bent, or otherwise processed—just as traditional float glass
- Can be combined with other AGC products to deliver specialized performance and design effects

COMMITTED TO ENVIRONMENTAL STEWARDSHIP

AGC Glass Company is committed to 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 processes as well. AGC utilizes recycled, recovered, and reusable materials in its operations, including recycled packaging materials and returnable steel racks. Additionally, AGC's internal recycling program is designed to minimize waste and encourage environmental stewardship among employees.



AGC GLASS COMPANY NORTH AMERICA

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PERFORMANCE DATA COMPARISONS

Stopsol® Reflective Insulating Glass Coating on #2 Surface - All data based on 1" (25mm) Unit: 1/4" (6mm) - 1/2" (13mm) airspace - 1/4" (6mm)

Product		Transmittance			Reflectance			Winter U-Value		Shading Coefficient	SHGC	LSG	DW Index
Outboard	Inboard	Visible	Solar	UV	Out	In	Solar	Air	Argon				
Stopsol Classic Clear (2)	Clear	34%	40%	16%	28%	35%	22%	0.47	0.45	0.56	0.49	0.70	0.26
Stopsol Classic Clear (2)	Energy Select 63 (3)	33%	26%	10%	28%	31%	33%	0.30	0.26	0.41	0.35	0.93	0.24
Stopsol Classic Grey (2)	Clear	17%	23%	6%	10%	35%	10%	0.47	0.45	0.41	0.36	0.47	0.13
Stopsol Classic Grey (2)	Energy Select 63 (3)	16%	15%	4%	10%	31%	15%	0.30	0.26	0.28	0.24	0.67	0.12
Stopsol Classic Bronze (2)	Clear	20%	26%	5%	12%	35%	11%	0.47	0.45	0.44	0.38	0.51	0.13
Stopsol Classic Bronze (2)	Energy Select 63 (3)	19%	16%	4%	12%	31%	17%	0.30	0.26	0.30	0.26	0.73	0.12
Stopsol Classic Green (2)	Clear	28%	18%	6%	20%	35%	11%	0.47	0.45	0.36	0.31	0.90	0.19
Stopsol Classic Green (2)	Energy Select 63 (3)	27%	14%	4%	20%	31%	12%	0.30	0.26	0.26	0.22	1.21	0.18
Stopsol Classic Dark Blue (2)	Clear	22%	19%	8%	14%	35%	10%	0.47	0.45	0.37	0.32	0.67	0.18
Stopsol Classic Dark Blue (2)	Energy Select 63 (3)	21%	13%	6%	14%	31%	12%	0.30	0.26	0.26	0.22	0.93	0.17
Stopsol Supersilver Clear (2)	Clear	56%	53%	29%	36%	36%	26%	0.47	0.45	0.69	0.60	0.93	0.45
Stopsol Supersilver Clear (2)	Energy Select 63 (3)	54%	38%	19%	35%	32%	37%	0.30	0.26	0.54	0.47	1.16	0.41
Stopsol Supersilver Grey (2)	Clear	27%	29%	10%	12%	35%	10%	0.47	0.45	0.47	0.41	0.65	0.22
Stopsol Supersilver Grey (2)	Energy Select 63 (3)	26%	20%	7%	11%	31%	14%	0.30	0.26	0.34	0.29	0.87	0.20
Stopsol Supersilver Green (2)	Clear	46%	27%	11%	26%	35%	13%	0.47	0.45	0.43	0.38	1.22	0.33
Stopsol Supersilver Green (2)	Energy Select 63 (3)	45%	21%	7%	25%	32%	14%	0.30	0.26	0.34	0.30	1.49	0.31
Stopsol Supersilver Dark Blue (2)	Clear	38%	28%	18%	17%	32%	11%	0.47	0.45	0.46	0.40	0.95	0.36
Stopsol Supersilver Dark Blue (2)	Energy Select 63 (3)	37%	21%	12%	16%	29%	13%	0.30	0.26	0.35	0.30	1.20	0.33
Stopsol Silverlight PrivaBlue (2)	Clear	24%	12%	8%	8%	27%	6%	0.47	0.45	0.30	0.26	0.92	0.23
Stopsol Silverlight PrivaBlue (2)	Energy Select 63 (3)	23%	10%	6%	8%	24%	6%	0.30	0.26	0.22	0.19	1.23	0.21

Performance values are based on representative production samples and product modeling data using LBNL Window 6.3 Software. Actual values may differ due to variations in the manufacturing process. Calculations based on generic clear. Environmental conditions based on NFRC 100-2010. Argon data based on 10% air and 90% argon. (2) or (3) indicates coating surface. Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact AGC Technical Services at 888-234-8380 to ensure the correct form of glass to be supplied. Damage Weight Index [Tdw-ISO] is a comprehensive measure of UV and visible parts of the solar spectrum from 300-700 nanometers, and a more accurate measure of fading potential. To obtain additional performance data use the AGC Glass Calculator at us.agc.com/glass-calculator.

THE AGC VERTICAL INTEGRATION ADVANTAGE

AGC is a vertically integrated company, managing every process in the value chain. As a result, we're able to align all resources to deliver innovative solutions through a network of fabricators for architectural, interior, fire-rated, and residential glass applications.

Acid-Etched » Back-Painted » Clear and Tinted Float » Coated Glass » Custom Fabrication » Digital Imaging » Fire-Rated » Heat-Treated » Insulated » Laminated » Low-Iron » Reflective » Silk-Screen » Spandrel

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

PROCESSING CAPABILITIES



CONVENTIONS IN COATING POSITIONS



Indicates laminated interlayer positions