



# ENERGY Select® 31

## High Performance Neutral Reflective Low-E Coated Glass

With a solar heat gain coefficient of 0.31 and visible light transmittance of 62%, the high clarity and neutral appearance make AGC ENERGY Select 31 a natural choice for commercial and mixed-use building applications—meeting even the most stringent energy code requirements. ENERGY Select 31 provides exceptional performance for both warm and cold weather throughout North America, resulting in energy savings on both heating and cooling. Its neutral color offers 21% mid-range reflectance, an excellent light-to-solar-gain of 2.01 and high visible light transmittance.

### ENERGY Select 31

What's so special about it?

What does this mean for you?

**Solar control low-e coating on clear substrate**

**Best in class neutral aesthetic**

**Low-e coating technology**

- Moderate solar control, good year-round energy efficiency
- High visible light transmission of 62% for plenty of natural daylighting
- Neutral aesthetic with soft blue-grey reflected color
- 21% mid-range reflectance
- Sputter coating for energy efficiency and unique aesthetic
- Easy to process
- Sputter coating available with annealed and post-temperable coatings

### Performance

Product name	Coating Position	Color	Transmittance %			Reflectance %			Winter U-value (Imperial)		Shading Coefficient	Solar Heat Gain Coefficient (SHGC)	Light to Solar Gain (LSG)	DW Index
			Visible	Solar	UV	Out	In	Solar	Air	Argon				
<b>Insulating glazing unit: Based on 1" (25mm) Unit: 1/4" (6mm)   1/2" (13mm) spacer   1/4" (6mm)</b>														
Energy Select 31	Surface 2	Neutral Blue-Grey	62	27	10	21	20	44	0.29	0.24	0.36	0.31	2.01	0.43

Performance values are based on representative production samples and product modeling data using LBNL Window 7 software. Actual values may differ based on variations in the manufacturing process. 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 at 800-251-0441 to ensure the correct form of glass to be supplied. For additional data performance and comparisons use our online Glass Calculator [www.agcglass.com/glasscalculator](http://www.agcglass.com/glasscalculator).

- Exterior use only
- Insulating
- Tempering & heat-strengthening
- Laminated
- Standard thickness  
1/4" (6mm)
- Optional thickness  
5/16" (8mm)  
3/8" (10mm)

#### IGU configurations

There are virtually unlimited ENERGY Select 31 IGU configurations that are possible with this product. Please contact AGC for more information.

#### Build your own IGU

With the AGC online Glass Calculator you can quickly and easily build your own AGC IGU and calculate its performance data. Visit [www.agcglass.com](http://www.agcglass.com) Tools & Resources.

#### Envision Energy Select 31

With the AGC Architectural Glass Visualizer you can see how Energy Select looks on a variety of buildings and under various conditions. Visit [www.agcglass.com](http://www.agcglass.com) Tools & Resources.

#### Let AGC help build your spec

As the world's largest glass manufacturer, AGC offers the widest range of products. No matter what brand or type of glass you typically specify, there is an AGC product that will perform equally or better. If you have glass specifications that you would like re-written to reflect AGC products, contact a knowledgeable and helpful AGC architectural representative today.

#### Availability

As part of AGC's commitment to providing world-class customer service, AGC distribution centers, strategically located throughout North America, provide you with easy, convenient, and fast access to the most popular AGC products. Contact AGC for product samples or for a distribution center near you.