



# ENERGY Select® 40

## High Performance Double-Silver Low-E Coated Glass

The ideal solution for regions with moderate climates, AGC ENERGY Select 40 delivers energy savings and high levels of natural light transmission – all with a stunning neutral appearance.

With excellent solar heat blocking performance, ENERGY Select 40 is the premier solution for commercial buildings in moderate climate regions. A balanced performer, ENERGY Select 40 provides excellent solar control that maximizes air conditioning efficiency and delivers interior comfort while providing outstanding levels of daylighting.

### ENERGY Select 40

What's so special about it?

What does this mean for you?

**Solar control low-e coating on clear substrate**  
**Neutral aesthetic**  
**Coating can be used on #2 or #3 surface**  
**Low-e coating technology**

- Maximum visible light transmission of 69% (VLT) and high-performing solar control
- Provides neutral clear aesthetic with low indoor and outdoor reflectance of 12%
- Ideal for using Solarshield tinted substrate on outboard and ES40 #3 for reduced glare, increased solar control, and appealing aesthetic
- Sputter coating available in annealed and post-temperable
- Coating available on a select range of tinted substrates for increased solar control: see Energy Select 25
- Easy to process

### 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 40	Surface 2	Neutral	69	34	17	12	12	31	0.29	0.24	0.45	0.39	1.79	0.53

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 40 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 40

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.