



ENERGY Select® 73 Plus

High Performance Pyrolytic Low-E Coated Glass

AGC ENERGY Select 73 Plus is a pyrolytic low-emissivity glass that combines excellent year-round energy efficiency with hard-coat durability. ENERGY Select 73 Plus saves energy costs during colder months by reflecting heat back into the room while also allowing free solar energy into interior spaces. During warmer months, ENERGY Select 73 Plus reduces direct sunlight and blocks re-radiated solar heat.

ENERGY Select 73 Plus

What's so special about it?

What does this mean for you?

Pyrolytic passive solar low-e glass

- Provides thermal insulation with passive solar gain
- High-level visible light transmission (VLT) of 73% for plenty of natural daylighting

Improved thermal performance

- Coating can be used on #4 surface, combined with a coating on the #2 surface for improved U-values for use in colder climates
- Can be used in retrofit window systems #4 surface to improve energy efficiency of older buildings

Unique aesthetic

- Coating on clear substrate for a more neutral appearance
- Low-level indoor reflectivity

Low-e coating technology

- Pyrolytic (hard) coating, with same shelf life as standard float glass
- Can be used monolithically, or as part of an insulating glass unit
- Worry-free transportation, handling, storage, and processing
- Edge deletion not required

Performance

Product name	Coating Position(s)	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				
Insulating glazing unit: Based on 1" (25mm) Unit: 1/4" (6mm) 1/2" (13mm) spacer 1/4" (6mm)														
Energy Select 73 Plus	Surface 3	Neutral	73	54	39	15	14	14	0.34	0.30	0.79	0.69	1.06	0.61
Energy Select 28/U4	Surface 2, 4	Neutral	57	22	12	13	15	41	0.23	0.20	0.31	0.27	2.14	0.41
Energy Select 36/U4	Surface 2, 4	Neutral	60	28	11	15	17	33	0.23	0.20	0.39	0.34	1.76	0.43
Energy Select 40/U4	Surface 2, 4	Neutral	65	31	13	12	14	31	0.23	0.20	0.42	0.37	1.76	0.47

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.

- Exterior use only
- Insulating
- Tempering & heat-strengthening
- Laminated
- Standard thickness
1/4" (6mm)
- Optional thickness
See ENERGY Select® Commercial Low-E Coatings

IGU configurations

There are virtually unlimited ENERGY Select 73 Plus 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 Tools & Resources.

Envision Energy Select 73 Plus

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 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.