

# AGC Glass Calculator Performance Data



## Configuration:

Exterior Lite	1/8" (3 mm) Clear Comfort Select 40#2
Airspace	6 mm (1/4")
Interior Lite	1/8" (3 mm) Clear / .030" (0.76 mm) / 1/8" (3 mm) Clear

## Visible Light

Transmittance <b>(LT)</b>	70%
Reflectance - Outdoors <b>(LR)</b>	12%
Reflectance - Indoors	12%

## Solar Energy

Transmittance	34%
Reflectance - Outdoors <b>(ER)</b>	37%

## U.V. Light

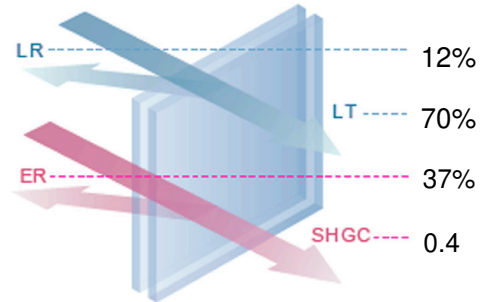
Transmittance	0%
Damage Weighted Index -ISO	45%

## U-Values

Winter - Air / Argon	0.41/0.34
Summer - Air / Argon	0.42/0.35

## Other Values

Solar Heat Gain Coefficient <b>(SHGC)</b>	0.40
Shading Coefficient	0.46
Relative Heat Gain - BTU/Hr/Sq. Ft.	97
Light to Solar Heat Gain Ratio	1.75



\*Performance values are based on representative production samples and product modeling data using LBNL Window Software. Actual values may differ due to variations in the manufacturing process.

\*Thermal stresses or building codes may require the use of heat-treated glass. This document is not an evaluation of the risk of glass breakage from thermal stresses. Contact AGC's Technical Services department to ensure the correct form of glass to be supplied for the structure. 1-888-234-8380

## AGC offers the Broadest Product Range in the Industry

### ARCHITECTURAL

**ENERGY SELECT**  
SOLAR CONTROL LOW-E

**ENERGY SELECT 25**  
HI PERFORMANCE LOW-E

### U4 4TH SURFACE TECHNOLOGY

**STOPSOL**  
REFLECTIVE COATED GLASS

**SOLARSHIELD**  
TINTED FLOAT GLASS

### INTERIOR

**KRYSTAL KOLOURS**  
BACK-PAINTED GLASS

**KRYSTAL PATTERNS**  
TEXTURED GLASS

**KRYSTAL IMAGES**  
DIGITAL IMAGING

**KRYSTAL KLEAR**  
PREMIUM LOW-IRON GLASS

**MATELUX**  
ACID-ETCHED GLASS

### RESIDENTIAL

**COMFORT SELECT**  
SOLAR CONTROL LOW-E

**COMFORT SELECT**  
SOLAR GAIN LOW-E

### U4 4TH SURFACE TECHNOLOGY

**SOLARSHIELD**  
TINTED FLOAT GLASS

### FIRE-RATED

**PYROBEL™**  
FIRE-RESISTANT GLASS

**PYROEDGE™ 20**

**VISION 120**

**STILELITE**  
FRAMING SYSTEMS

**PYRAN® PLATINUM**  
FIRE-PROTECTIVE GLASS