

# AGC Glass Calculator Performance Data



## Configuration:

Exterior Lite  
 Airspace 10 mm (3/8")  
 Interior Lite 1/8" (3 mm) Clear

## Visible Light

Transmittance **(LT)** 72%  
 Reflectance - Outdoors **(LR)** 12%  
 Reflectance - Indoors 13%

## Solar Energy

Transmittance 36%  
 Reflectance - Outdoors **(ER)** 37%

## U.V. Light

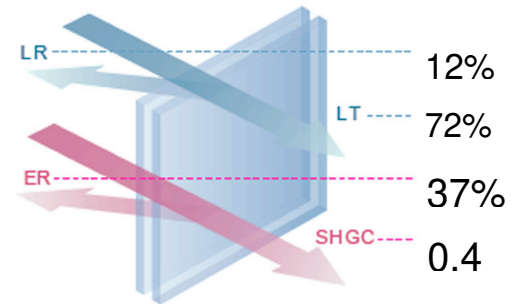
Transmittance 19%  
 Damage Weighted Index -ISO 56%

## U-Values

Winter - Air / Argon 0.31/0.25  
 Summer - Air / Argon 0.32/0.26

## Other Values

Solar Heat Gain Coefficient **(SHGC)** 0.40  
 Shading Coefficient 0.46  
 Relative Heat Gain - BTU/Hr/Sq. Ft. 96  
 Light to Solar Heat Gain Ratio 1.8



\*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