

AGC Glass Calculator Performance Data

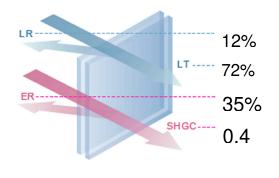


Configuration:

Exterior Lite

Airspace 6 mm (1/4")

1515-25-1216	
Interior Lite 5/32" (4 mm) Clear	
Visible Light	
Transmittance (LT)	72%
Reflectance - Outdoors (LR)	12%
Reflectance - Indoors	13%
Solar Energy	
Transmittance	36%
Reflectance - Outdoors (ER)	35%
U.V. Light	
Transmittance	18%
Damage Weighted Index -ISO	55%
U-Values	
Winter - Air / Argon	0.42/0.34
Summer - Air / Argon	0.42/0.35
Other Values	
Solar Heat Gain Coefficient (SHGC)	0.40
Shading Coefficient	0.46
Relative Heat Gain - BTU/Hr/Sq. Ft.	99
Light to Solar Heat Gain Ratio	1.8



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

1-888-234-8380 info@us.agc.com us.agc.com

^{*}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