

UPG Glass Specs



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United Plate Glass Company

Unit Make up: 1" INSULATED UNIT
Outboard Lite: 1/4" Clear
Airspace/ Gas: 1/2" Airspace
Inboard Lite: 1/4" Clear
(Annealed, Heat-Strengthened, or Tempered)

- Visible Light Transmittance: 78%
- Visible Reflectance Out: 15%
- Solar Transmittance: 61%
- Solar Reflectance Out: 12%
- U-V Light Transmittance: 47%
- Winter Nighttime U-Value: 0.47
- Summer Daytime U-Value: 0.50
- Shading Coefficient: 0.81
- SHGC: 0.71

UPG Insulated Glass Units are third party certified with the Insulated Glass Certification Council (IGCC) to level CBA in accordance with ASTM E 2190

UPG Tempered Glass is certified by the Safety Glazing Certification Council (SGCC) conforming to 16 CFR 1201 & ANSI Z97.1-2009 for safety glazing

Applicable Standards: ASTM C1036-06 Std. Primary Flat Glass, ASTM C1048-04 Std. Flat Glass, Heat Treated & Fully Tempered where applicable.

UPG believes this calculated performance data to be reasonably accurate, but it may not precisely agree with similar performance data calculated using the LBL Window 5.2 program.

UPG's published data is based on the LBL Window 5.2 program, and from performance calculators found on the glass manufacturers websites.

These calculated numbers are for reference only and may vary; UPG is not stating these numbers are 100% accurate for all glass types. United Plate Glass will not be held responsible any inconsistencies or discrepancies

These numbers have been calculated as 1" overall units with 1/2" airspace. Actual performance data may vary with the use of a different airspace and gas. All information has been pulled from the appropriate supplier websites.