

Performance Data

Clear Glass



Clear glass is a soda-lime silicate float glass product, intended to be used in residential and commercial applications alike. It's a versatile choice when specialty glass is not needed. It has the standard light green color. It's the type of glass used the most worldwide and the least expensive, and can be use in almost any glass application.

Meets Standards: ASTM C1036-11

Glass Thickness		Visible Light		UV Transmittance	Solar Heat Gain Coefficient (SHGC)	Winter U-Value English Btu/(Hr x Sqft x °F)	Winter U-Value Metric W/(M ² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
2.5mm	3/32"	90.0%	9.0%	N/A	0.87	1.05	5.94
3mm	1/8"	89.9%	8.6%	73.3%	0.85	1.04	5.90
4mm	5/32"	89.5%	8.6%	71.1%	0.84	1.04	5.88
5mm	3/16"	89.1%	8.5%	68.7%	0.83	1.03	5.86
6mm	1/4"	88.6%	8.5%	66.0%	0.82	1.02	5.82
8mm	5/16"	87.5%	8.4%	60.8%	0.78	1.01	5.74
10mm	3/8"	86.7%	8.3%	57.9%	0.76	1.00	5.69
12mm	1/2"	85.0%	8.0%	N/A	0.73	0.98	5.59
19mm	3/4"	83.0%	8.0%	N/A	0.67	0.95	5.39

Visible Light Transmittance (VLT): The percentage of the visible spectrum (light) that is transmitted through the glass.

Exterior Reflectance: The percentage of the visible spectrum (light) that is reflected towards the exterior by the glass.

SHGC: the fraction of incident solar radiation admitted through the glass, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a glass solar heat gain coefficient; the less solar heat it transmits.

Winter U-Value: measure of the insulating characteristics of the glass in which how much heat gain or loss occurs through the glass due to the difference of indoor and outdoor temperatures using NFRC winter nighttime environmental conditions of a cold outside temperatures and no sunlight.

Interglass cannot be held responsible for any deviation between the data introduced and the conditions on site. Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. Data values were simulated using Optics 6 & used with Windows 5.2. The performance data is simulated, not actually measured.