Performance Data Sheet

INTERGLASS
Glass and Hardware Distributors

Bronze Glass

Bronze Tinted Glass offers solar protection and supports energy efficiency in regions that rely on air conditioning. Provides low levels of light reflection. Can be tempered, laminated, heat-strengthened, insulated. Ideal for use in atriums, skylights, windows, entrances and storefronts. Also, in decorative applications such as tabletops

Meets Standards: ASTM C1036-11
EN 572-9

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/(M²x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
3mm	1/8"	66.8%	6.8%	38.9%	0.73	1.04	5.90
4mm	5/32"	62.9%	6.6%	34.6%	0.70	1.04	5.88
5mm	3/16"	58.5%	6.3%	30.2%	0.67	1.03	5.86
6mm	1/4"	53.2%	6.0%	25.5%	0.63	1.02	5.82
10mm	3/8"	37.7%	5.4%	14.1%	0.52	1.00	5.69
12mm	1/2"	27.0%	5.0%	N/A	0.47	0.98	5.59

Visible Light Transmittance (VLT): The percentage of the visible spectrum (light) that is transited 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 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 cold outside temperatures and no sunlight