



Low Iron Glass

Low Iron Glass is an ultra transparent glass with light transmittance more than 91% , It has the characteristics of low spontaneous break-ages, high purity, noble elegance and crowned as ‘crystal prince’ of the glass family.

Products Feature

High transmittance: visible light transmittance near 92%, 6% higher than clear float glass.

High aesthetics: More beautiful than clear float glass, with a jewel-like blue edge.

Glass Thickness		Visible Light		Total Penetration	UV Penetration	Shading Coefficient	Winter U-Value Metric W/(M ² x K)
mm	inches	Transmittance (VLT)	Exterior Reflectance				
5mm	3/16"	91.3%	8%	90%	71%	1.03	5.80
6mm	1/4"	91.1%	8%	90%	70%	1.03	5.70
10mm	3/8"	90.6%	8%	89%	66%	1.02	5.60
12mm	1/2"	90.4%	8%	88%	64%	1.01	5.50
19mm	3/4"	89.7%	8%	86%	59%	0.99	5.50

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.

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.

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