

Clear Float Glass®

Great glass design begins with high quality float glass

As a manufacturer of quality float glass since 1970, Guardian Industries delivers the glass products, global reach and expertise that you can rely on. Clear float glass is the building block for all types of architectural and interior applications.

Features:

- Can be applied with different fabrication techniques such as cutting, grinding, drilling, heat treatment, insulating, tempering, laminating.
- Can be applied with coatings such reflective coatings, silver-mirror coating, ceramic coating.
- Thickness offered from 2mm.– 15mm.
- Available in stock sheets sizes and Jumbo Size of up to 3210mm. x 6000mm.
- Customer specific size and thickness can be made available upon request.
- Uses as applications in interior designs; windows, doors, tabletops, furniture applications, safety glazing, shelves and also match as a all for exterior design.

Performance Data

Thickness	UltraViolet (UV)	Visible Light			Solar Energy			Thermal Properties
	Transmittance %	Transmittance %	Reflectance		Absorptance Solar %	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)	U-Value W/m ² .K
			Indoors %	Outdoors %				
2mm	80	91	8.4	8.4	3.9	0.89	1.00	5.9
3mm	75	90	8.4	8.4	6.4	0.87	1.00	5.8
4mm	73	90	8.4	8.4	7.6	0.85	1.00	5.8
5mm	70	90	8.3	8.3	9.3	0.84	0.99	5.8
6mm	68	89	8.3	8.3	11	0.82	0.98	5.7
8mm	63	88	8.2	8.2	14	0.80	0.95	5.7
10mm	60	88	8.2	8.2	18	0.78	0.93	5.6
12mm	56	87	8.1	8.1	20	0.74	0.91	5.5
15mm	52	86	8.0	8.0	24	0.74	0.88	5.5

Remark: Calculation Standard: NFRC 2010

Product Specification

Type	Standard	Maximum Standard Size	
		mm.	inch.
Clear Float Glass	2mm	762x1270	30x50
	3mm	2438x3658	96x144
	4mm	2438x3658	96x144
	5mm	2438x3658	96x144
	6mm	2438x3658	96x144
	8mm	2438x3658	96x144
	10mm	2438x3658	96x144
	12mm	2438x3658	96x144
	15mm	2438x3658	96x144

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