

Guardian UltraClear®

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Guardian UltraClear® Low-Iron Glass

Guardian UltraClear® low-iron glass can help bring the wow factor to your next architectural project. It's noticeably clearer than standard glass — so what people see is completely up to you. True transparency. Breathtaking views. No distractions.



Product Information

Substrate Base Glass/Thickness	Guardian UltraClear/2.3 mm. (3/32") - 12 mm. (15/32")
Applications	Facades / Windows & Fenestration / Furniture / Fittings / Anywhere glass can be used as barrier allowing light and views
Manufacturing options	Tempered / Laminated / Heat Soaked / Heat Strengthened / Annealed
Recommended Coating Positions	N/A
Maximum Size	<130"x240" (3302x6096mm)
Edge Deletion	No
Glass type	Low Iron Content
Glass functions	Premium Flat glass
Fabrication options	Can be used in Monolithic or Insulating Glass Unit
Appearance	Neutral



Monolithic

Visible Light			Ultraviolet	Solar Energy						Thermal Properties		Light to Solar Gain (LSG)	
Transmittance	Reflectance		Trans UV(tuv %)	Transmittance	Reflectance		Absorptance	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (sc)	U-Value			
Visible (tv %)	pv % out	pv % in		General Color Rendering Index (Ra)	Solar (te %)	pe % out	pe % in			Solar (ae %)	Winter Night (Btu/hr-ft ² -F)		Summer Day (Btu/hr-ft ² -F)
Monolithic: 3 Guardian UltraClear® on Guardian UltraClear #2													
91	9	9	99.9	88	90	8	8	1	0.91	1.05	1.042	0.942	1.00

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC 2010 / US Standard.

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1-855-58-GLASS (45277)
2300 Harmon Road, Auburn Hills, Michigan 48326

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