

Clarity Glass



Perfect View, Perfect Solution

Guardian Clarity delivers an outstanding viewing experience

Guardian Clarity anti-reflective glass is the ideal glass for any applications in which excessive reflection creates an obstruction from shop – commercial glass which loses impact due to distracting reflections, to viewing platform which loses visual accuracy due to distracting glare, to a restaurant with a breathtaking view which becomes completely hidden as soon as the sun goes down. Guardian clarity anti-reflective glass provides the perfect solution for:

- Retail storefronts
- Museum showcases
- Banks
- Stadiums & arenas.
- Car showrooms.
- Restaurants & Cafes.
- Food Glass Stands.
- Hotel Lobbies.



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Show and impress: Guardian Clarity delivers the wow factor

The use of Ultraclear low-iron glass in combination with Clarity increases light transmission and neutralizes the green clour of standard glass, leaving a crystal-clear appearance.

The desired “no reflection effect” can be created only when all glass surfaces of a monolithic or insulated glass unit are coated with Clarity, both sides. The table below compares the main values of laminated and insulated glass unit, with and without Clarity coating. Units with Clarity are based on Ultraclear low-iron glass.

Glazing structure (outside pane-spacer- inside pane)	Light Trans- mission %	Ligtht Reflection outside %	Ligtht Reflection inside %	Colour rendering index (D65)	Solar Factor %	UV %	Ug-value 90% Argon W/(m2K)	Selec- tivity
Laminated Glass 6+6.2	88.7	8.2	8.2	98	77	0.9	5.5	1.15
Clarity double sided laminated 66.2 on UC	96.1	0.7	0.7	98	78	2.0	5.5	1.23
Float 8mm-16mm-Float 8mm	80.9	15.6	15.6	97	75	50.6	2.6	1.08
Clarity double sided 8mm on UC-16mm- Clarity double sided 8mm on UC	94.3	1.3	1.3	97	74	32.4	2.6	1.28

