

# UltraWhite™ Low-Iron Glass

Standard clear glass is actually far from clear. That’s why Guardian created UltraWhite. From the moment you see it, you’ll know what true clarity really looks like. The virtual absence of color makes UltraWhite glass the natural choice when neutral color and clarity count.

UltraWhite low-iron glass utilizes a raw material formula that increases light transmission and neutrality while reducing the greenish tint in clear glass that is most apparent when viewed from the edge. The result is pure, sparkling and very clear glass.

## Applications

Design professionals will find that the stunning clarity of UltraWhite glass makes it the clear choice for architectural specifications. Spandrel applications using UltraWhite will transmit more accurate colors of ceramic frits than traditional clear glass. Whether the design focus is on atriums, skylights, entranceways or retail storefronts, all will benefit from the clarity of colorless glass. And UltraWhite can be fabricated, laminated and heat-treated just like standard float glass.

## Availability

UltraWhite low-iron glass is available in thicknesses ranging from 3 mm to 15 mm and in sizes up to 130 x 204. Guardian runs UltraWhite on a regular schedule, and it is stocked to ensure availability. For more information regarding the availability of UltraWhite low-iron glass, contact your Architectural Sales Manager.

## Performance Data

GLASS THICKNESS	VISIBLE LIGHT		SOLAR ENERGY			UV
	Transmittance %	Reflectance %	Transmittance %	Reflectance %	Solar Heat Gain Coefficient	Transmittance %
3mm (1/8")	91	8	89	9	.90	77
6mm (1/4")	90	8	87	8	.88	69
10mm (3/8")	89	8	84	7	.86	63
12mm (1/2")	89	8	82	7	.85	59

Note: UltraWhite glass edge color can vary, depending on final glass size, thickness and lighting conditions. Guardian recommends a full-size mock-up viewing to determine acceptability for final use.

## Other Applications for Low-Iron Glass:

- Shelving
- Laminated glass
- Greenhouses
- Tabletops
- Furniture
- Solar collectors
- Ceramic decorated glass
- Appliances
- Aquarium and zoo enclosures