

Magically clear and utterly classy.



Pilkington **Optiwhite™** Low Iron Glass



PILKINGTON
NSG Group Flat Glass Business

Pilkington Optiwhite™ Low Iron Glass

Description

When true color is of paramount importance, Pilkington **Optiwhite™** Float Glass is the perfect solution. Noticeably clearer than ordinary standard clear float glass, the colorlessness of **Optiwhite™** Float Glass is especially apparent when it is combined with white or light colors, or when exposed, polished edges are in view.

As a result, **Optiwhite™** Glass offers enhanced clarity and aesthetics for everything from shower enclosures to showroom displays, furniture applications, photovoltaic modules and solar thermal collectors. It is also ideal for use with glass which is to be ceramically decorated, allowing the true colors of the decorations to show through the glass.

Features and Benefits

- High clarity, low iron glass with a crystal clear appearance for special applications.
- Very high light transmittance of 92 percent.
- Can be toughened and laminated.
- Maintains clarity over the range of glass thickness.
- High solar transmittance for solar energy.

Clear Float Glass



Optiwhite™ Low Iron

Applications

- Storefronts and Displays
- Total Vision Entry Systems
- Furniture
- Appliance Glass
- Solar Collectors and Photovoltaics
- Special applications requiring thick glass such as bullet resistant glass, aquarium glass or Pilkington **Pyrostop™** Fire Resistant Glass.

Available Thicknesses

- 3.2mm
- 5mm
- 6mm
- 10mm
- 12mm
- 15mm
- 19mm

Available Stock Sizes

- 96" x 130"
- 130" 204"



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Nominal Glass Thickness		Visible Light			Solar Energy			U-Factor ⁵			Solar Heat Gain Coefficient	Shading Coefficient
		Transmittance %	Reflectance ⁴ %		Transmittance %	Reflectance %	UV Transmittance %	U.S. Summer	U.S. Winter	European		
in.	mm		Outside	Inside							%	%
1/8	3	91	8	8	90	8	87	0.94	1.04	5.8	0.91	1.04
3/16	5	91	8	8	89	8	85	0.93	1.03	5.8	0.90	1.04
1/4	6	91	8	8	89	8	84	0.93	1.02	5.7	0.90	1.03
3/8	10	90	8	8	87	8	81	0.91	1.00	5.6	0.89	1.02
1/2	12	90	8	8	86	8	79	0.90	0.99	5.5	0.88	1.01
5/8	15	90	8	8	85	7	77	0.88	0.97	5.4	0.87	1.00
3/4	19	89	8	8	83	7	74	0.86	0.95	5.3	0.86	0.99

* All performance values are center-of-glass values calculated by using the LBNL Window 5.2 program.

Cover Image: