



# Pilkington **Optifloat Satin™** Translucent Float Glass



*85% light transmittance.  
100% privacy.*



**PILKINGTON**

*First in Glass*

# Pilkington **Optifloat Satin™** Translucent Float Glass

Translucent float glass that offers natural daylight and excellent privacy.

Pilkington **Optifloat Satin™** Glass is a beautiful, frosted float glass engineered for high light transmittance, excellent privacy and easy handling. In fact, **Optifloat Satin™** Glass lets in almost as much daylight as clear glass, yet obscures the view to allow virtually complete privacy.

Created using an innovative, proprietary technology – instead of acid-etching or sandblasting – Pilkington **Optifloat Satin™** Glass features a uniform finish that diffuses daylight to create a natural feel. In addition, a durable surface makes Pilkington **Optifloat Satin™** Glass easy to handle and fabricate, so it's perfect for windows, partitions and furniture applications.

## Product Features

- **EXCELLENT OBSCURATION** ensures privacy without limiting daylight and offers superb visual appeal and striking interior aesthetics.
- **HIGH LIGHT TRANSMITTANCE** lets an impressive 85% of the sun's light into buildings, while diffusing the light for a soft, natural appearance. Diffusion also takes light further into a room than light from ordinary glass.
- **COLOR NEUTRAL** for compatibility with all architectural elements and added design flexibility.
- **SMOOTH, DURABLE SURFACE** is more consistent than sandblasted glass and equivalent to premium acid-etched glass, but without the need for hazardous chemicals.
- **EASILY FABRICATED**, it can be handled, cut, insulated, laminated and tempered using standard float glass techniques.
- **IDEAL FOR** wide-ranging applications including commercial buildings, residential windows, interior partitions and furniture design.
- **AVAILABLE IN** 5/32" (4mm), 3/16" (5mm), 1/4" (6mm), 5/16" (8mm) and 3/8" (10mm). Contact Pilkington regarding the availability and plant location for each specific thickness. The standard size is 78-3/4" x 129-15/16" (2000mm x 3300mm).



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## Optifloat Satin™ Product Details

Nominal Glass Thickness		Thickness Tolerance	
in.	mm	in.	mm
5/32	4	0.150 – 0.165	4.0mm ± 0.2mm
3/16	5	0.185 – 0.201	4.9mm ± 0.2mm
1/4	6	0.224 – 0.240	5.9mm ± 0.2mm
5/16	8	0.299 – 0.315	7.8mm ± 0.2mm
3/8	10	0.358 – 0.390	9.5mm ± 0.4mm

## Optifloat Satin™ Technical Data<sup>1</sup>

<b>Light Transmittance</b>	
Processed Surface	82% ± 1%
Float Surface	85% ± 1%
<b>Diffuse Light Scatter<sup>2</sup></b>	89% ± 2%
<b>Clarity</b>	
(Low Angle Light Scatter)	8% ± 1%
<b>Surface Roughness (Two-Dimensional Measurement)</b>	
R <sub>a</sub> (µm)	Around 0.5

**Optifloat Satin™** is a trademark of Pilkington.

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1. All quoted measurements are for 5/32" (4mm) thickness.

2. Using haze measurements.