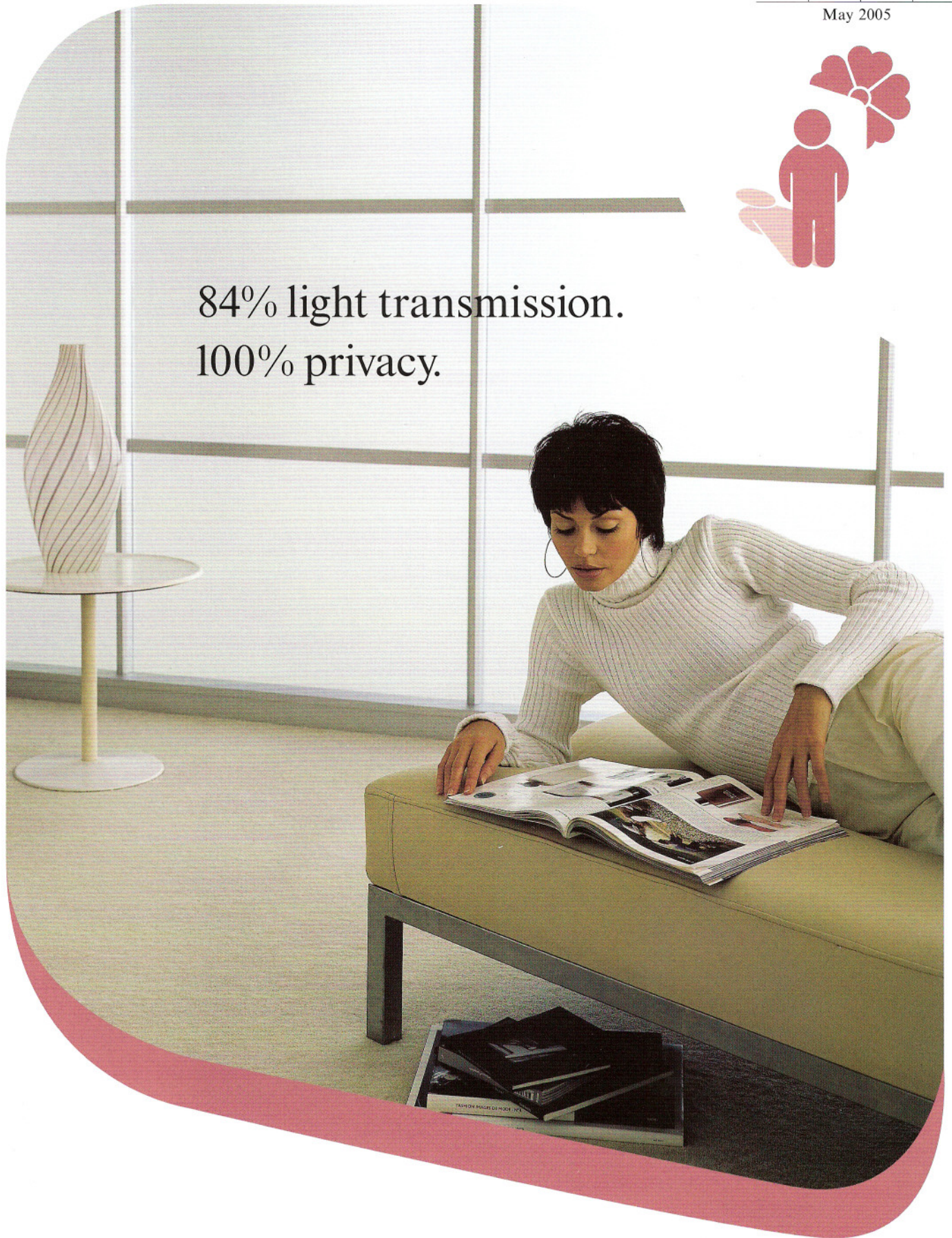




84% light transmission.
100% privacy.



PILKINGTON

Pilkington Optifloat™ Satin

High quality translucent glass that offers high light transmission and excellent privacy.

Pilkington **Optifloat™** Satin is ideal for creating striking interiors with a lighter touch. Actually letting in almost as much light as clear glass, Pilkington **Optifloat™** Satin diffuses light to give a natural feel.

The beautiful frosted look also offers privacy – perfect for windows, partitions, even furniture – and is created using an alternative processing technology to traditional methods of sandblasting and acid-etching, making it more environmentally friendly.

Pilkington **Optifloat™** Satin has a uniform finish and durable surface. It is available in stock sizes and is suitable for all processes, including brilliant cutting and toughening.

Benefits

- A superb visual appeal to create a striking interior look.
- Combines obscuration with high light transmission.
- Diffusion takes light further into a room than ordinary glass.
- A smooth, durable surface.
- Uses a unique environmentally-friendly processing technique.
- More consistent finish than sand-blasted glass.
- Equivalent look to premium acid-etched, but with no need for hazardous chemicals.
- Can be readily processed including toughening and brilliant cutting.
- Available in standard sheet sizes for greater convenience.

Pilkington **Optifloat™** Satin is manufactured by a unique process using Pilkington **Optifloat™** as the substrate.

Toughening Conditions

It is recommended that Pilkington **Optifloat™** Satin is toughened under conditions similar to those used for Pilkington Texture Glass. Capable of meeting BS EN 12600 Impact Classification 1/C/3 (minimum).

Note: As Pilkington **Optifloat™** Satin is an asymmetric product, its performance when thermally toughened will be significantly different than thermally toughened Pilkington **Optifloat™** of a similar nominal thickness. Consideration needs to be given when designing balustrades incorporating toughened Pilkington **Optifloat™** Satin.

For further information please contact the Pilkington Technical Helpline on 01744 692000.

Technical Details

Stock Size	3300mm x 2000mm 1320mm x 2000mm (4mm & 6mm only)
Nominal Thickness (monolithic sheet)	4mm, 6mm, 9.5mm
Thickness Tolerance	±0.4mm
Typical Light Transmittance	4mm - 84% 6mm - 82% 9.5mm - 80%



The obscuration achieved with a vase (as shown on the front cover) 40cm from Pilkington **Optifloat™** Satin.



The obscuration achieved with a vase 20cm from Pilkington **Optifloat™** Satin.



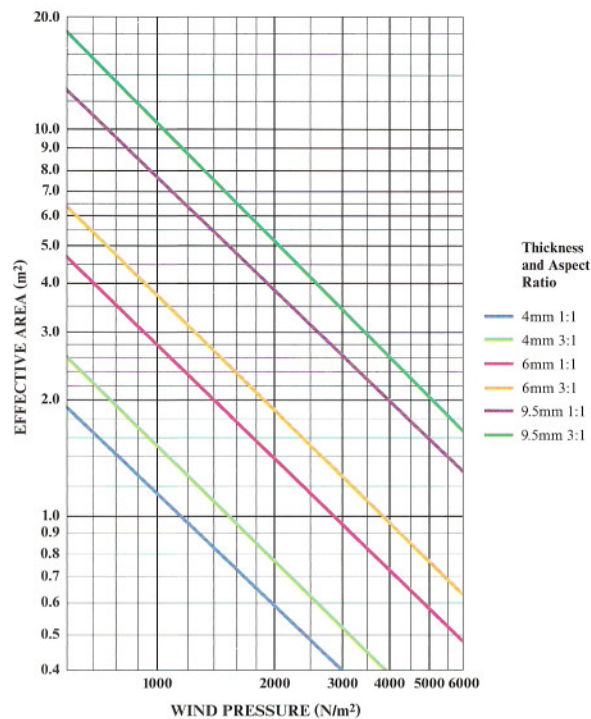
The obscuration achieved with a vase 1cm from Pilkington **Optifloat™** Satin.

Wind Load Resistance

A unique wind load resistance chart has been produced to cover Pilkington **Optifloat™** Satin contained within this datasheet.

Note: 4mm and 6mm are equivalent to the 4mm and 6mm Pilkington Texture Glass wind load characteristics. 9.5mm Pilkington **Optifloat™** Satin is unique.

This publication gives a general description of the product and materials. It is the responsibility of the users of this document to ensure that the proposed application of the product is appropriate and that such application complies with all relevant local and national legislation, standards, codes of practice and other requirements. To the extent allowed by law Pilkington United Kingdom Limited hereby disclaims all liability howsoever arising from any error in or omission from this publication and all the consequences of relying on it. Pilkington **Optifloat™** Satin is a trademark of the Pilkington Group.





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