



Pilkington **Optifloat™** Opal
Acid etched glass

Pilkington **Optifloat™** Opal - technical performance

Glass product	Light (%)		Solar Energy (%)				Total Shading Coefficient	U _g [W/m ² K]
	Transmittance	Reflectance	Direct transmittance	Reflectance	Absorptance	Total transmission		Argon (90%)
4 mm Pilkington Optifloat™ Opal	83	8	78	7	15	81	0.93	5.8
6 mm Pilkington Optifloat™ Opal	83	8	75	7	18	80	0.91	5.7
4 mm Pilkington K Glass™ N – 16 mm – 4 mm Pilkington Optifloat™ Opal	75	17	62	15	23	69	0.79	1.4
6 mm Pilkington K Glass™ N – 16 mm – 6 mm Pilkington Optifloat™ Opal	74	17	58	14	28	66	0.76	1.4
4 mm Pilkington Optifloat™ Opal – 16 mm – 4 mm Pilkington Optitherm™ S3	75	11	52	22	27	59	0.68	1.1
4 mm Pilkington Optitherm™ S3 – 16 mm – 4 mm Pilkington Optifloat™ Opal – 16 mm – 4 mm Pilkington Optitherm™ S3	68	14	41	28	31	51	0.58	0.6

U_g-values for single glass or with 90% argon fill for insulating glass units. For single glass the treated surface faces the room, for DGUs the treated surface faces the cavity and for TGUs the treated surface is on position #4.
Rotating the IGU will change the overall performance, please contact us for the relevant data. All performance data has been determined in accordance with EN 410 and EN 673.



Whilst they can look stunning and create a beautiful effect, many translucent glass types on the market have proved difficult to stock, handle and process.

Pilkington **Optifloat™** Opal offers all the diffused natural light of a translucent glass, but with none of the drawbacks. An acid-etched product suitable for internal or external use, it creates an attractive finish for windows, partition walls, glass doors, furniture, shelving, wall cladding and many more applications. But the real beauty is that it can be stored and processed in the same way as standard float glass, is readily available from stock in a range of thicknesses and can be easily toughened, laminated or brilliant cut – making Pilkington **Optifloat™** Opal the ideal choice.

Features:

- Acid etched glass
- High light transmittance
- Diffuses light to give a uniform natural look
- 'Velvet smooth' and durable surface
- Can be used internally and externally
- Etched surface has low reflection

Benefits:

For building occupiers:

- High value in appearance
- Creates excellent privacy whilst allowing light in
- Natural light diffusion

For processors:

- Available from stock
- Can be stored and processed as ordinary float glass
- Easily toughened, laminated and brilliant cut
- Readily available in 4 mm and 6 mm
- Standard stock size 3210 × 2250 mm
- Thicknesses of 8 mm, 10 mm and other stock sizes available on request

Applications:

- Windows
- Partition walls
- Glass doors
- Glass furniture
- Doors
- Display cases
- Shelves and cabinets
- Working surfaces
- Wall cladding
- Balustrades

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The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



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