



Pilkington **Optifloat™** Opal



PILKINGTON
NSG Group Flat Glass Business

Introducing Pilkington **Optifloat™** Opal.

The new translucent glass that's easier to handle



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 – until now.

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 4mm and 6mm
- Standard stock size 3210 x 2250mm
- Thicknesses of 8mm, 10mm and other stock sizes available on request

Applications:

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

Performance Table:

	Light transmittance	Light reflectance	Direct transmittance	Reflectance	Absorptance	Total solar heat transmittance	SW	LW	TSC	U Value
4mm	0.83	0.08	0.78	0.07	0.15	0.82	0.90	0.04	0.94	5.8
6mm	0.83	0.08	0.75	0.07	0.18	0.80	0.86	0.06	0.92	5.7
4mm K/16/4mm Opal	0.74	0.16	0.60	0.14	0.26	0.67	0.69	0.08	0.77	1.5
6mm K/16/6mm Opal	0.72	0.16	0.56	0.13	0.31	0.64	0.64	0.10	0.74	1.5

U values for single glass or with 90% argon fill for insulating glass units. For single glass the treated surface faces the room and for IGUs the treated surface faces the cavity. 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

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