



Pilkington **SuperGrey™** High-Performance Tinted Float Glass

Superior Solar Control Without Reflectivity



PILKINGTON

Pilkington SuperGrey™ High-Performance Tinted Float Glass

Experience the first tinted float glass designed to provide a precise balance between form and function.



PILKINGTON

First in Glass™

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Pilkington SuperGrey™ High-Performance Tinted Float Glass combines stunning exterior aesthetics and unsurpassed interior glare control with the best solar control of any tinted float glass in the industry.

On the outside, low-reflective Pilkington SuperGrey Tinted Float Glass offers a dramatic, deep cool-grey appearance that increases visual privacy and dramatically reduces read-through from interior shading devices. Inside, it softens bright daylight and reduces glare, making it perfect for applications near computers and video display screens.

- AN UNCOATED FLOAT GLASS that provides the performance of a reflective glass.
- ENHANCED VISUAL PRIVACY and reduced read-through from interior shading devices.
- BEST SOLAR CONTROL OF ANY UNCOATED GLASS, Pilkington SuperGrey Glass provides the lowest shading coefficient of any float glass and a better shading coefficient than many reflective glass products. This means Pilkington SuperGrey Glass can help enhance interior comfort and reduce cooling loads.
- UNSURPASSED LIGHT AND GLARE CONTROL improves visual privacy and reduces the need for blinds or shades. Pilkington SuperGrey Glass softens bright daylight and helps eliminate glare, making it the perfect “user-friendly” glass.

- LOW INTERIOR AND EXTERIOR REFLECTANCE reduces interior glare and minimizes exterior daylight reflectance. Pilkington SuperGrey Glass is ideal where architectural designs or restrictions prohibit structures with high reflectance.
- IDEAL FOR SKYLIGHT APPLICATIONS requiring solar control with very low interior reflection, especially at night.
- DISTINCTIVE AESTHETICS inside and out. Pilkington SuperGrey Glass offers a deep, cool-grey tint from the exterior, while providing a remarkably crisp, comfortable view from the interior. Pilkington SuperGrey Glass also provides color-neutral visibility from the inside, resulting in an undistorted, natural view.
- UNIFORM, NO-READ-THROUGH LOOK between spandrel and vision glass areas. The uniform appearance of Pilkington SuperGrey Glass may eliminate the need for an opacifier in the spandrel glass.
- LOW UV TRANSMITTANCE that significantly outperforms other tinted and coated glass products. 6mm Pilkington SuperGrey Glass blocks 99% of the sun’s damaging UV rays.
- EXCELLENT AVAILABILITY, Pilkington SuperGrey Glass can be inventoried for short lead times and improved control of project costs.
- AVAILABLE IN 1/8", 3/16" and 1/4".

Pilkington SuperGrey™ High-Performance Tinted Float Glass Performance Data

Nominal Glass Thickness	Visible Light		Total Solar Energy		UV	U-Value				European U-Value (K-Value)		Solar Heat Gain Coefficient	Shading Coefficient
	Transmittance %	Reflectance %	Transmittance %	Reflectance %	Transmittance %	Summer		Winter		Air	Argon		
						Air	Argon	Air	Argon				

Monolithic Glass Performance Data

1/8	3	25	5	23	4	6	1.15	—	1.11	—	5.8	—	0.44	0.51
3/16	5	12	4	11	4	2	1.16	—	1.10	—	5.8	—	0.36	0.42
1/4	6	8	4	8	4	1	1.15	—	1.09	—	5.7	—	0.33	0.39

Insulating Glass Performance Data (SuperGrey Glass Outer Lite and Optifloat™ Clear Float Glass Inner Lite)

1/8	3	22	5	20	5	6	0.59	—	0.49	—	2.8	—	0.32	0.37
3/16	5	11	4	9	4	2	0.59	—	0.49	—	2.8	—	0.23	0.26
1/4	6	7	4	6	4	1	0.59	—	0.48	—	2.8	—	0.20	0.23

Insulating Glass Performance Data (SuperGrey Glass Outer Lite and Energy Advantage™ Low-E Glass Inner Lite)

1/8	3	21	5	15	5	4	0.38	0.33	0.34	0.29	1.8	1.5	0.25	0.30
3/16	5	10	4	7	4	2	0.38	0.33	0.33	0.28	1.8	1.5	0.17	0.20
1/4	6	7	4	5	4	1	0.38	0.33	0.33	0.28	1.8	1.5	0.14	0.17

Some combinations or installations may require heat treating to prevent glass breakage from thermal stress.

All performance values are center-of-glass values calculated by using the L.B.L. Window 4.1 program. To obtain metric U-value (W/sq-m/C), multiply by 5.678.

Typical values of Pilkington production are provided.

UV is from 300-380nm.

For Solar Heat Gain Coefficient (SHGC) and Shading Coefficient (SC) definitions, please refer to Pilkington ATS Bulletin #116, “Glass and Energy”.