



Pilkington EverGreen™ High-Performance
Tinted Float Glass

Created with the interior environment in mind.



PILKINGTON

Pilkington EverGreen™ High-Performance Tinted Float Glass

Superior solar control
and high light
transmittance in a cool
green tint.



Pilkington EverGreen High-Performance Tinted Float Glass is an uncoated tinted float with high daylight transmittance that reduces the need for artificial light inside buildings. Yet it offers nearly 20% less solar heat gain than other green tints.

For optimal solar and thermal performance, EverGreen Glass can also be combined in an I.G. unit with an inboard lite of Pilkington Energy Advantage™ Low-E Glass. Together, this Sun Management™ Glass System, provides unsurpassed year-round comfort, with no color shift to the outboard lite. Visit our Web site at www.pilkington.com/sunmanagement for more information.

Product Features

- **EXCELLENT THERMAL CHARACTERISTICS**, including shading coefficient and solar heat gain levels among the lowest of any 1/4" uncoated tinted float.
- **HIGH DAYLIGHT TRANSMITTANCE** lets an impressive percentage of the sun's natural light into buildings, reducing the need for artificial light.
- **COLOR-NEUTRAL VISIBILITY** means EverGreen Glass provides undistorted, natural views from the interior.
- **LOW EXTERIOR REFLECTANCE** makes EverGreen High-Performance Tinted Float Glass ideal for use where architectural designs or restrictions prohibit high reflectance.
- **LOW UV TRANSMITTANCE** outperforms other tinted glass products: a 1/4" (6mm) EverGreen Glass blocks 86% of the sun's UV rays.
- **EASILY FABRICATED** into I.G. units.
- **EXCELLENT AVAILABILITY** for easy inventory and short lead times.
- **AVAILABLE IN 1/8" (3mm), 3/16" (5mm), 1/4" (6mm) thicknesses.**



PILKINGTON

P.O. Box 799
811 Madison Ave.
Toledo, OH 43697-0799
Telephone 419 247 4926
Fax 419 247 4517
www.pilkington.com
www.pilkington.com/sunmanagement

Monolithic Glass Performance Data^{1, 2, 5}

Product	Nominal Glass Thickness		Visible Light		Total Solar Energy		UV ⁶	U-Value				European U-Value (K-Value)		Solar Heat Gain Coefficient ³	Shading Coefficient ⁴
	in	mm	Transmittance %	Reflectance %	Transmittance %	Reflectance %	Transmittance %	Summer		Winter		Air	Arg		
								Air	Arg	Air	Arg				
EverGreen	1/8	3	76	7	49	6	26	1.11	-	1.11	-	5.8	-	0.62	0.72
	3/16	5	73	7	42	5	21	1.11	-	1.10	-	5.8	-	0.57	0.66
	1/4	6	66	6	34	5	14	1.11	-	1.09	-	5.7	-	0.51	0.59

Insulating Glass Performance Data [Insulating units constructed of equal glass thickness as noted and a 1/2" (12mm) airspace]^{1, 2, 5}

Product	Nominal Glass Thickness		Visible Light		Total Solar Energy		UV ⁶	U-Value				European U-Value (K-Value)		Solar Heat Gain Coefficient ³	Shading Coefficient ⁴
	in	mm	Transmittance %	Reflectance %	Transmittance %	Reflectance %	Transmittance %	Summer		Winter		Air	Arg		
								Air	Arg	Air	Arg				
EverGreen/ Clear inboard	1/8	3	69	12	42	8	23	0.57	-	0.49	-	2.8	-	0.51	0.59
	3/16	5	65	11	36	7	17	0.57	-	0.49	-	2.8	-	0.45	0.53
	1/4	6	59	10	28	6	12	0.57	-	0.48	-	2.8	-	0.39	0.45
EverGreen/ Energy Advantage™ Low-E (#3) inboard	1/8	3	63	14	35	10	18	0.37	0.31	0.34	0.29	1.8	1.5	0.45	0.52
	3/16	5	61	13	30	9	14	0.37	0.31	0.33	0.28	1.8	1.5	0.40	0.46
	1/4	6	55	11	24	7	9	0.37	0.32	0.33	0.28	1.8	1.5	0.34	0.39

Note: Due to reproduction and printing limitations, photos may vary from actual glass color. Please see glass samples from Pilkington.

EverGreen™ Glass, Energy Advantage™ Glass, and the Sun Management™ Glass System are trademarks of Pilkington.

©2000 Pilkington Libbey-Owens-Ford
Printed in U.S.A., 100/10M/50/BLA

1. Some combinations or installations may require heat treating to prevent glass breakage from thermal stress.
2. 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.
3. Solar Heat Gain Coefficient or SHGC is the fraction of normally incident solar heat energy that makes its way through the glazing under

- standard summer conditions. This includes both directly transmitted energy and indirectly transferred heat from energy initially absorbed by the glazing.
4. Shading Coefficient or SC is the ratio of solar heat gain through the glass relative to that through 3mm (1/8") clear glass at normal incidence.
5. Typical values of Pilkington LOF production are provided.
6. Solar UV is from 300-380nm.