

SEE WHAT
GLASS
CAN DO
GGI

Low Iron and Starphire®

Low-iron glass is a type of high-clarity glass that is made from silica with very low amounts of iron. This low level of iron removes the greenish-blue tint seen in clear glass.

Low Iron

	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
Thermal transmittance (U-value) W/(m ² .K)	5.84	5.74	5.61	5.55	5.14	5.04
Visible Light						
Light transmission tV	.91	.91	.90	.90	.90	.90
Light reflection % Outside rV	8%	8%	8%	8%	8%	8%
Light reflection % Inside rV	8%	8%	8%	8%	8%	8%
Solar Energy						
Solar energy transmission tE	.90	.89	.88	.87	.86	.84
Solar energy reflection rE	8%	8%	8%	8%	8%	8%
Solar Heat Gain Coefficient	.91	.90	.89	.88	.87	.86
Weight						
Approx. Weight- lb/ft ²	1.6	3.0	5.2	6.2	8.1	9.8
Thickness Tolerance Range						
Inches Min.	0.115	0.219	0.355	0.461	0.595	0.719
Inches Max.	0.134	0.244	0.406	0.531	0.656	0.781

For more information contact marketing@generalglass.com.

Starphire®

	1/4"	3/8"	1/2"	5/8"	3/4"
Visible light transmittance	91	91	90	90	90
Visible light Reflection -exterior	8%	8%	8%	8%	8%
Visible light Reflection -interior	8%	8%	8%	8%	8%
Solar heat gain coefficient	.90	.89	.88	.87	.86
Light to solar gain	1.01	1.02	1.02	1.03	1.05

1. Actual values may vary due to the production process and manufacturing tolerances.
2. The appearance of the glass color as seen through the glass edge will be less green in low iron samples versus full size glass panels.