



## Cardinal Coated Glass

Superior glass products  
for residential windows and doors

# LoE2-240

Note: All values calculated using Window 5.2. (See <http://windows.lbl.gov/software/window/window.html> and <http://windows.lbl.gov/materials/igdb/> for more information on glass optical data and the Windows 5.2 program.) Emittance of ordinary low-e is 0.20.

**Solar Heat Gain Coefficient** – (SHGC). The amount of solar radiation that enters a building as heat. The lower the number, the better the glazing is at preventing solar gain.

**Fading Transmission** – The portion of energy transmitted in a spectral region from 300 to 700 nanometers. This region includes all of the ultraviolet energy and most of the visible spectrum, and will give the best representation of relative fading rates. The lower the number, the better the glass is for reducing fading potential of carpets and interior furnishings.

**U-Factor** – This represents the heat flow rate through a window expressed in BTU/hr/ft<sup>2</sup>/°F, using winter weather conditions of 0°F outside and 70°F inside. The smaller the number, the better the window system is at reducing heat loss.

Cardinal actively supports and participates in The National Fenestration Rating Council (NFRC). Windows with LoE<sup>2</sup>-240 that are rated and certified by the NFRC can comply with Energy Star™ requirements for all climates in the country.

(See <http://www.energystar.gov/products/windows/> for more information on the Energy Star windows program.)

### GLASS PERFORMANCE

PRODUCT	VISIBLE LIGHT TRANSMITTANCE %	SOLAR HEAT GAIN COEFFICIENT	WINTER U-FACTOR (AIR/ARGON)	UV	FADING TRANSMISSION
Single-pane, tinted	68%	.73	1.04/---	.38	.58
Double-pane, tinted	61%	.63	.48/--	.32	.52
Double-pane, tint & low-e	57%	.57	.35/.31	.21	.45
<b>LoE<sup>2</sup>-240</b>	<b>40%</b>	<b>.25</b>	<b>.30/.26</b>	<b>.16</b>	<b>.35</b>



## Cardinal CG

A Cardinal Glass Industries Company

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GLARE CONTROL GLASS

## Glare back at the sun with

Wherever glare is a problem, Cardinal LoE<sup>2</sup>-240 glass is the ideal solution. It's a specially treated version of our finest LoE<sup>2</sup> glass. But LoE<sup>2</sup>-240 does much more than control glare. It also maintains year-round comfort. In summer, it blocks oppressive solar heat gain and maintains cool glass temperatures. Then when winter rolls around, it keeps inside glass temperatures warm. Control and year-round comfort – that's the Cardinal advantage.