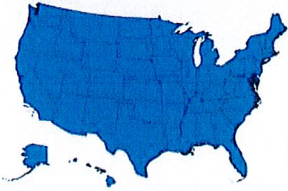




## ClimaGuard LamiGlass

Safety, sound reduction,  
protection from storms  
and fading



Safety, comfort and fade protection, all in an invisible layer.

Windows and doors with Guardian ClimaGuard LamiGlass are specially designed to protect homeowners and their belongings. Now, everything from small accent windows to entire window walls can invite in the sunlight and provide added safety, increased noise reduction and elimination of UV rays. All because of a feature you'll never see.

### *An invisible protective shield.*

Two or more panes of glass are bonded together by a durable plastic interlayer, which enables the glass to strongly resist penetration by impacting objects - you can't see it, but the benefits are clear. If it should break, the glass will tend to remain in its frame, minimizing the risk of injury from sharp edges and flying or falling glass particles.

### *Benefits that satisfy consumer's needs.*

Safety, noise reduction and fade protection were ranked as essential factors for replacement windows by surveyed homeowners. That's where laminated glass stands strong. Meeting these needs is why over 50% of surveyed homeowners say they would purchase windows with laminated glass.

### ClimaGuard LamiGlass at a glance

← MEET IBC 2406.1.1

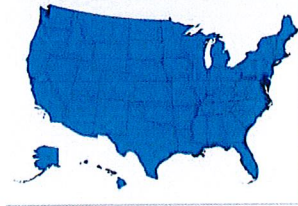
- Meets CPSC Category II and ANSI Z91.1 safety standards.
- Reduces perceived noise by 50%.
- Blocks over 99% of harmful UV rays.
- Withstands high winds, flying debris and weather-related impact.
- Increases intruder resistance.
- Reduces solar heat gain when used with ClimaGuard low-E products.
- Available in full truckloads, partial truckloads, case quantities and make-to-order.





## ClimaGuard LamiGlass

Safety, sound reduction, protection from storms and fading



Have it both ways: protection AND efficiency.

ClimaGuard LamiGlass is also available with a full range of low-E coatings to increase energy efficiency as well as cost savings for the homeowner. Coatings can be embedded or exposed in a laminated unit to configure a glazing system that provides maximum thermal efficiency. Glazing systems can also be configured to deliver safety from impact, fade resistance and acoustical dampening year-round.

Insist on ClimaGuard LamiGlass from Guardian for your next project.

We take the complexity out of laminated glass and even offer make-to-order and high-volume custom sizes. ClimaGuard LamiGlass can be used in many configurations to meet the needs of regional climates and local codes.

Double Glazed Lami Inboard	Visible Light					U-Factor		
	Trans	Reflect Out	Reflect In	UV Trans	UV Tdw-ISO	SHGC	Argon	Air
71/38(#2) + LamiGlass	70%	10%	11%	0%	47%	0.384	0.241	0.288
70/36(#2) + LamiGlass	68%	11%	12%	0%	46%	0.359	0.245	0.291
63/31(#2) + LamiGlass	62%	12%	14%	0%	41%	0.310	0.241	0.287
62/27(#2) + LamiGlass	61%	13%	13%	0%	37%	0.264	0.240	0.287
55/27(#2) + LamiGlass	54%	12%	17%	0%	34%	0.273	0.240	0.286

Double glazed LamiGlass Inboard  
 3.0mm Clr, 1/2" Gap, 3.0mm Clr, 0.30 Clr PVB, 3.0mm Clr  
 All units: Arg and 90% Argon/10% Air Filled. Primary low-E coating on the #2 surface.  
 Performance data calculated using LBNL Window 6, IGDB v.21.0.

### ClimaGuard Product Information

Phone: 855.660.5905

ClimaGuardProductInfo@Guardian.com

ClimaGuardTechnicalInfo@Guardian.com

[www.ClimaGuardGlass.com](http://www.ClimaGuardGlass.com)



Guardian Industries Corp.  
 ClimaGuard glass products  
 can be used to construct  
 ENERGY STAR qualified  
 windows.

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