



vinylbilt[®]
 WINDOWS & DOORS
 BILT BETTER

LEADING EDGE GLASS TECHNOLOGY

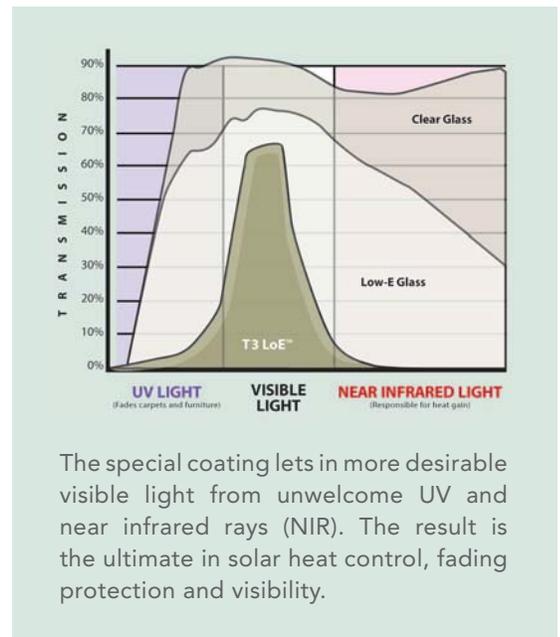


Extraordinary glass, unprecedented performance

Introducing LoE 366 Glass, the ultimate performance glass. LoE 366 Glass delivers the ideal balance of solar control and high visibility. LoE 366 Glass provides the highest levels of year-round comfort and energy savings, making it the perfect glass no matter where you live. The secret? An unprecedented 3 layers of silver. For your next windows, go beyond the ordinary. Choose LoE 366 Glass, the new standard. This is important because windows contribute up to 25% of the annual heating cost of a home.

A clear advantage with 3 times the protection

Now we've raised the bar. LoE 366 Glass adds a third layer of silver coating. Result: clear coating that blocks even more solar gain, reflects heat and lets the light stream in. All with a minimum of exterior reflectance. And no heavy bronze or smoke coloured tint to darken your home.



The special coating lets in more desirable visible light from unwelcome UV and near infrared rays (NIR). The result is the ultimate in solar heat control, fading protection and visibility.

The NEW Standard in Ultimate Glass Protection.



3 layers of silver.



Blocks 95% of damaging UV rays.



Provides superior sound reduction.



Blocks rejects 64% of unwanted heat from entering your home while an Emissivity of 0.2 means 98% of heat or cold is returned back into your home.



Lowest U-Factor or highest R-Value means greater insulating performance.



Plus+: dries faster with up to 99% less water spots so your glass stays cleaner for longer.

LoE 366 features these trusted certifications:



Outdoor beauty, *indoor comfort*

During cold weather, the insulating effect of your windows has a direct impact on how your rooms feel. Typically, 75% of the exposed surface of a window is glass, and the temperature of the room side of the glass directly affects the air temperature in the room. The better insulated the window glass, the warmer the room will be.

To maintain the best comfort during winter, select a glass product that produces surface temperatures that will stay above this point during the coldest outdoor conditions.

The superior insulating capability of the LoE 366 Glass is a key factor in achieving a comfortable winter temperature. The dramatic comfort improvement windows with warm glass surfaces also means the humidity of the indoor air can be controlled and monitored properly.

	Inside Glass Temperature	Outside Glass Temperature
	20 °F	-20 °F
Single pane	30 °F	4 °F
Double-pane clear	49 °F	35 °F
Ordinary LoE	58 °F	50 °F
T3 LoE 366 Glass*	61 °F	51 °F



This table compares the room side center temperatures of four different glass types against different conditions.*35% more efficient in winter.

When the temperature soars, ordinary window glass just can't handle the heat. LoE 366 Glass, however, has been specially formulated to reject the sun's heat without affecting the view. It lets more light in and keeps more heat out so your home stays cool and comfortable. Coating technology provides the ultimate in performance and clarity of all our LoE 366 products.

Staying Cool and Comfortable

- 95% blockage of damaging UV rays
- 64% blockage of radiant heat



Radiant heat is deflected away from your home during summer.



Radiant heat is kept inside your home during winter.

Energy Star Zone - The area within North America that the window has been rated for testing.

Solar Heat Gain Co-efficient - (SHGC) measures how well a product blocks heat caused by sunlight. The SHGC is the fraction of incident solar radiation admitted through a window, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a window's SHGC, the less solar heat is transmitted.

U-Factor - Measures how well a product prevents heat from escaping. The rate of heat loss is indicated in terms of the U-Factor (U-Value) of a window assembly. U-Factor ratings generally fall between 0.20 and 1.20. The insulating value is indicated by The R-Value, which is the inverse of the U-Value.

Energy Rating - (ER) an overall measure of the window's energy performance; the higher the number the better the performance.

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