

Lincoln Windows & Patio Doors

MANUFACTURING EXCELLENCE SINCE 1947

Products

Discover

Customer Support

Professionals

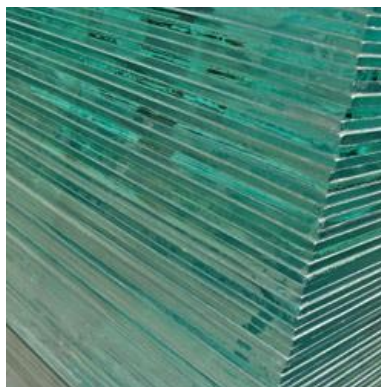
Company Info

GLASS

Energy Efficient

Isn't your home your own little world? Typically as your largest single investment, shouldn't it have a pleasant atmosphere for family and friends? Finding the right comfort level for each home and each family is the goal.

Lincoln offers glazing options with thoughts of energy efficiency and creature comforts alike. Whether your home is in the Sunbelt consisting of long sunny summer days, hot muggy nights and high air conditioning bills or is in the heart of the Midwest with extended periods of below-zero temperatures and high heating bills, sit in your favorite chair, relax and let our manufacturing excellence guide you through our diverse IG offering.



DISCOVER

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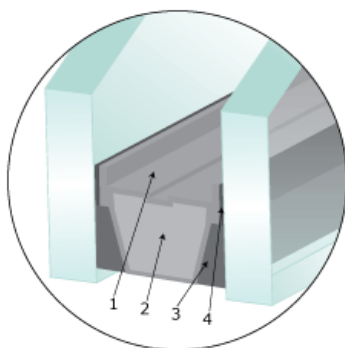
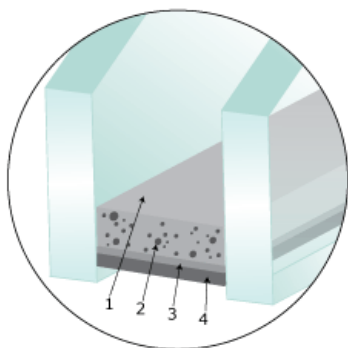
Insulated Glass Construction

Our insulating glass (IG) is constructed with four major components. It's the quality of these components, sheet glass, desiccant material, sealants and spacers that set companies apart.

Let's consider the sheet glass. We exclusively utilize double-strength glass even on the smallest sizes. Some companies believe this should be an upgrade while we eliminated the thinner glass option many years ago.

Quality desiccant material is used to absorb moisture within the IG unit during assembly and the polyisobutylene sealant provides excellent adhesion to the glass with a low moisture vapor transmission rate for years of outstanding field performance.

Choose one of our premium warm-edge spacer systems listed here to complete your perfect glazing package.



Foam Spacer

- .188 extruded silicone foam,
- Integral desiccant material,
- Acrylic adhesive seal,
- .050 hot melt butyl seal.

Endur IG Spacer

- Stainless steel spacer,
- Desiccant material,
- "Polyisobutylene" primary seal,
- Specially formulated secondary seal.

LoE-180™

Constructed with a single LoE coating, this glass option is perfect for climates where heat retention is welcome, solar heat gain is paramount and glass clarity is vital. LoE-180™ outperforms clear IG glazing with warmer inside glass temperatures and better UV protection.



Projects looking for passive solar glazing solutions including good U-Value performance in conjunction with higher Solar Heat Gain Coefficients experience positive benefits with LoE-180™.

Features & Benefits

- Dual pane
- Double strength glass
- Two warm edge spacer options
- One layer of silver
- Good U-Factor
- Good indoor temperatures
- Good solar heat gain
- Passive solar solution
- Ideal for cooler climates
- High visibility
- Gas or air filled

LoE²-272®

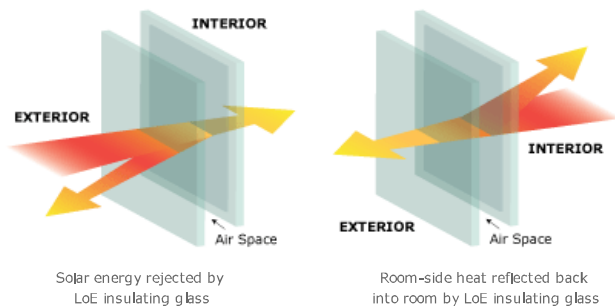
Safeguard your home from the elements by using this nearly invisible protection. Consisting of two microscopic layers of silver sealed in the airspace, this glass is a nice step-up from our standard offering.

Obtain an affordable balance of U-value, solar shading, visible light transmittance and UV protection by choosing LoE²-272®.



Features & Benefits

- Dual pane
- Double strength glass
- Two warm edge spacer options
- Two layers of silver
- Better U-Factor
- Better indoor temperatures
- Less condensation
- Lower heating bills
- Ideal for cooler climates
- High visibility
- Gas or air filled



Dual Low-E2 (LoE i89™/LoE²-272®)

Our most ecologically aware combination of glass products designed for projects requiring extraordinary energy efficiencies.

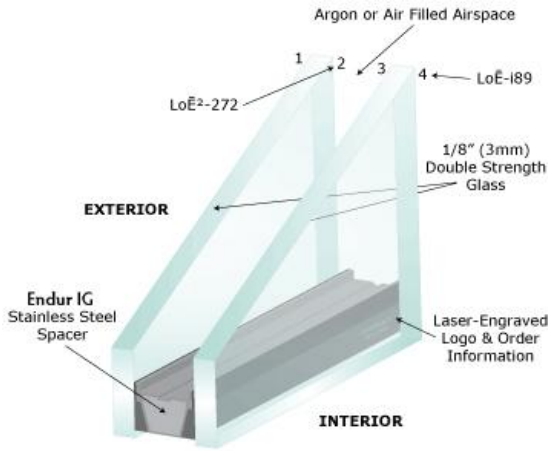
As the ENERGY STAR® program ratchets up its requirements, our glass offering continues to provide consumers with an ability to comply. Lincoln's Dual Low-E2 is the next generation insulating glass package that tackles these stricter requirements by combining LoE²-272® with a roomside (LoE-i89™ is on surface #4) low-e coating. Don't worry, LoE-i89™ performs well without sacrificing glass clarity, doesn't require special cleaning and provides additional UV protection.

This energy efficient glass lowers U-Values and retains more of your costly heat inside for the Northern and North/Central zones. Assembling Dual Low-E2 with our foam spacer system further improves U-value performance.



Features & Benefits

- Dual pane
- Double strength glass
- Two warm edge spacer options
- Best ENERGY STAR® U-Value
- Excellent glass clarity
- Best fading protection
- Lower heating bills
- Best for frigid climates
- Gas or air filled



LoE³-366™/Neat®

Controlling solar heat gain just became easier with the unparalleled performance of LoE³-366™/Neat® glass technology. By adding a third layer of silver coating, LoE³-366™/Neat® effectively blocks solar gain and reflects heat more efficiently.

In addition to reducing heat gain, the goal with any high performance glazing is clarity. LoE³-366™/Neat® was produced to show a minimum of exterior "mirror" reflectance and does not require smoke-colored tints that can darken your home's interior.

Learn more about [LoE³-366™/Neat®](#)



Features & Benefits

- Dual pane
- Double strength glass
- Two warm edge spacer options
- High visibility
- Three layers of silver
- Best fading protection
- Lower air conditioning bills
- Ideal for warmer climates
- Environmentally friendly- uses less energy
- Gas or air filled

Dual Low-E3 (LoE i89™/LoE³-366™/Neat®)

Lincoln's advanced glass technology is packed with high performance attributes, built-in strength and durable spacer options.

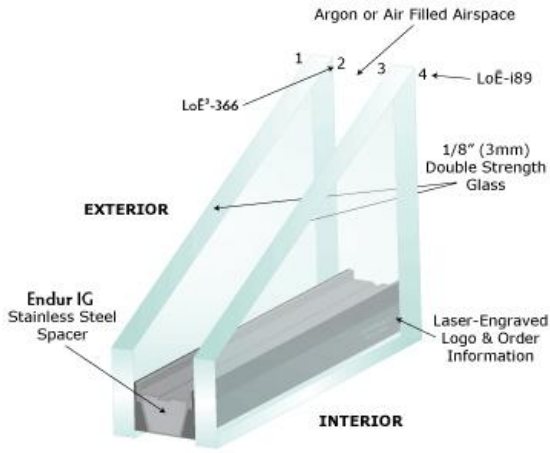
Recent revisions and enhancements to the [ENERGY STAR®](#) program concerning Solar Heat Gain Coefficients (SHGC) make this glazing option an obvious pick. Consider these other important benefits as well: easy jobsite cleanup with Preserve® Protective Film, less frequent and easier glass cleaning when utilizing Neat® coatings, save on heating costs with great U-Values and experience less fading via superior ultraviolet protection all with good Visual Transmittance characteristics.

Choose this energy efficient glass for our best and very low SHGC numbers. LoE³-366™ reflects the sun's heat energy back outside for more interior comfort in warmer climates and will save you money with lower air conditioning bills during the summer months in the Southern, South Central and North Central ENERGY STAR® zones. Assembling Dual LoE³-366™ with our foam spacer system further improves U-value performance.



Features & Benefits

- Dual pane
- Double strength glass
- Two warm edge spacer options
- Great ENERGY STAR® U-Value
- Excellent glass clarity
- Best fading protection
- Lower air conditioning bills



- Best for warmer climates
- Gas or air filled

Argon Gas

For greater energy efficiency, argon is added to all LoE glass units, at no cost to the customer, with the exception of those units requiring capillary/breather tubes. These units include, but are not limited to, glass 12" and less in width or height and units shipped over high elevations. Lincoln does not guarantee that the initial argon fill rate will be maintained over the life of the product. Argon depletion may decrease energy efficiency. For more information, contact your local distributor or Lincoln Wood Products, Inc.

LoE-180™, LoE-272®, LoE-189™, LoE-366™, Neat® and Preserve® are trademarks of Cardinal IG.

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