



# Enhanced U.30 SHGC.30 Enhanced Glass U.30 SHGC.30

With **Lang's New Enhanced LowE and Argon Package**, new technology will give you a sense of going "**Green**" without doing a thing. In these environmentally friendly times feel good about the investment in your new windows by keeping them working.

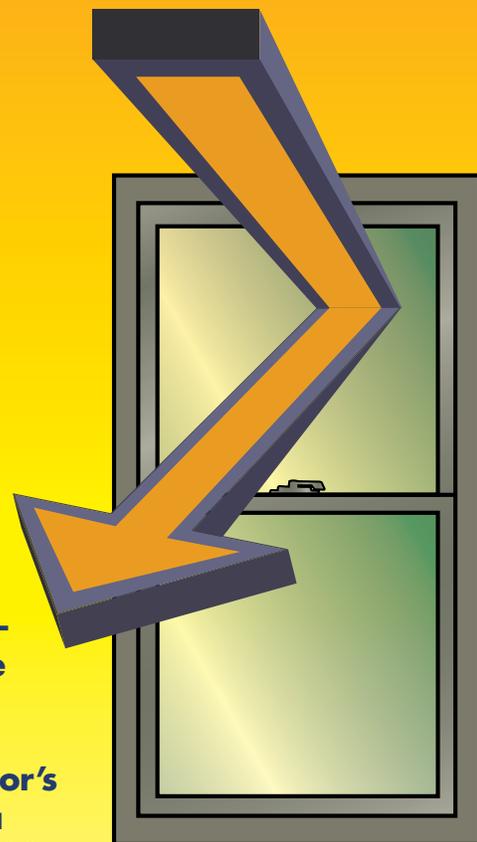
## What is the Enhanced Package?

### One Pane of Double Strength Clear Glass and One Pane Double Strength LowE Glass

Due to the heat-reflecting properties of Low-E glass, the inside glass temperature of your windows will remain closer to room temperature. The result is a considerable decrease in the potential for condensation, or sweating, which can lead to water damage.

### Argon Gas

Argon is a common gas with approximately 9,300 PPM. Argon is an inert gas, which means it does not react with many other elements. This is what makes Argon a great solution for energy-efficient replacement windows. Argon is about 25% more dense than air which is normally between the panes of glass in your windows. Argon's higher density adds more insulation than air. The addition of Argon gives certain applications like Lang Exterior's Energy Efficient Enhanced Glass Package a U Value of .30 and a SHGC Value of .30, commonly referred to in the industry as 30/30 windows, which are very energy-efficient.



## Lang Industries

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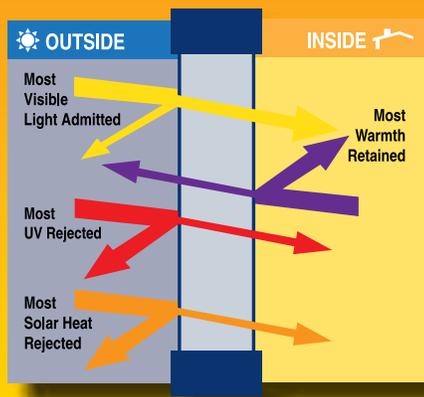
North Side  
2529 N. Pulaski Rd. Chicago, IL  
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# [www.LangExterior.com](http://www.LangExterior.com)

All Lang Exterior products, hardware styles, and ratings are subject to change without notice.



# Enhanced U.30 SHGC.30



With Lang's ***New Enhanced Low E and Argon Package***, this special glass along with the combination of new technology, brings you big savings and a huge sense of being **"Green."** Help save energy by getting the Enhanced Glass Package from Lang.

## Energy Benefits

### *The challenge*

Maintaining a comfortable indoor environment is a challenge when temperatures fluctuate, sometimes dramatically, throughout the day, between seasons, and across climate zones. According to U.S Government estimates, an average household spends more than 40% of its annual energy budget on heating and cooling.

### *Keeping you cool when it's hot outside*

The Enhanced Glass Package has been specifically designed to keep interior temperatures comfortable when the outdoor temperature heads for higher or lower digits. Homeowners are now able to maximize day light and enjoy the view, while keeping air conditioning costs to a minimum.

### *Keeping you comfortable in any climate*

In mild climates or in climates that enjoy mild seasons, southern and western elevations of a home can be exposed to significant unwanted solar heat gain. The result is a higher temperature in rooms that are exposed to the sun, while the rest of your home and the air outside remain at a comfortable level. The Enhanced Glass Package greatly reduces this effect and helps maintain a uniform comfort level throughout the house.

In addition to providing relief from the intense heat of the sun, the Enhanced Glass Package also provides superior insulating performance during the cold nights of winter by efficiently reflecting the heat of your furnace back into the house.

All windows with Enhanced Low E and Argon Package will come with labels stating U factor .30 and SHGC .30 or under.

## The Science of Comfort

The Enhanced Glass Package helps keep indoor temperatures comfortable regardless of outside elements. Homeowners save money on utility bills all year long, in any climate.

## Product Highlights:

- Specifically designed to deliver maximum comfort and energy efficiency for climates that routinely experience intense heat.
- Decreases fading transmission.
- Industry standard for color neutrality.

**HT-** comfortable appearance, solar and thermal performance.

**DHT-** comparable appearance, where solar and thermal performance attributes are less critical.



\*Building details are consistent with the National Fenestration Rating Council draft procedure 901 and values were calculated using the RESFEN modeling system. While there is no "typical" house, estimates have been made to represent a 3,000 sq. ft., 2-story home with 15-18% window to wall ratio and estimated average costs for the area. Values are therefor presented to be demonstrational only. Actual results will depend on the specifics of any home. The information provided above is to the best of our knowledge, and is based on proper installation. This information was provided by Guardian Glass Co.