

*For Replacement and New Construction Applications*



**The Best Is Always Superior™**

# SUPERIOR ENERGY SOLUTIONS



# The Superior Energy Solution

Increase your home's comfort and energy savings with the latest Low-E glass technology. Climate Shield™ with SILVERCOAT<sup>3</sup> from Superior.



## Reduce Summertime Heat Gain

Whether building a new home or replacing your old windows and patio doors, take advantage of the most effective glass technology today to improve your home's comfort and energy savings.

- Reduces solar heat gain better than any other Low-E glass product
- Rejects heat and damaging UV rays – keeping your home cooler and with less fading damage
- Welcomes natural light in through your windows
- Outperforms tinted glass in reducing solar heat gain
- Improved heat gain reduction is far more efficient than 2-coat Low-E glass
- Blocks a significantly large amount of harmful UV rays for greater fading protection
- Increases summer comfort by keeping heat from the sun outside.

Climate Shield™ with SILVERCOAT<sup>3</sup> featuring Low-E<sup>3</sup> achieves a remarkable 62.5% solar heat gain reduction over ordinary single-coat low-e glass. There's even a 30% heat gain reduction when compared to 2-coat Low-E glass – solid evidence to improve your home's comfort all summer long.

Glass Products	Visible Light Transmittance	Solar Heat Gain Coefficient	Solar Heat Blockage
Double-pane, clear	81%	.60	40%
Double-pane, clear / bronze	61%	.48	52%
Standard Climate Shield Low-E <sup>2</sup>	72%	.29	71%
Climate Shield with Silvercoat <sup>3</sup>	66%	.22	78%

**Visible Light:** The amount of light which passes through a glass unit.

**SHGC:** The amount of solar radiation heat that enters a home (Note: The lower the number the better on this SHGC).

**Solar Heat Blockage:** Percentage of the sun's heat that enters a home through the windows.

## Light Damaging UV Rays

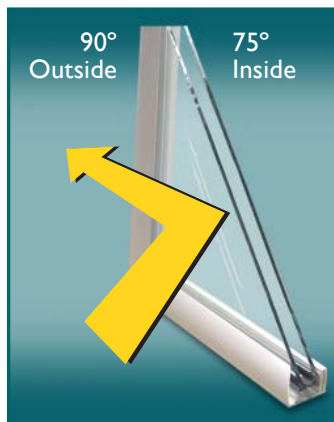
Improve your window's ability to reduce the amount of UV rays entering your home by selecting Climate Shield with SILVERCOAT<sup>3</sup> featuring Low-E<sup>3</sup> glass. When your expensive interior furnishings fade, the sun's UV rays are the #1 cause. Climate Shield™ with SILVERCOAT<sup>3</sup> blocks a significantly large amount of incoming UV light – protection you cannot receive with ordinary Low-E glass.



## Year Round Protection

When summer is at its worst, Climate Shield™ with SILVERCOAT<sup>3</sup> works to keep you cooler inside your home. It also helps keep the inside of your home warmer in the winter. Increased comfort year round.

- In hot summer temperatures, Climate Shield™ with SILVERCOAT<sup>3</sup> lets visible light pass while blocking the majority of infrared and ultraviolet radiant solar energy
- Climate Shield™ with SILVERCOAT<sup>3</sup> helps your rooms stay cooler and you save on energy costs.



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