



## TRIPLE-PANE GLASS FOR IMPROVED ENERGY EFFICIENCY

While the added energy efficiency of triple-pane glass can be beneficial in all regions, its impact is most significant in colder climates where more months of the year are spent heating the home. The extra pane of glass helps keep heat inside and cold air outside, meaning inside temperature is less affected by the temperatures outdoors.

### TRIPLE-PANE GLASS OPTIONS AVAILABLE ON:

A-Series Windows and Patio Doors, E-Series Windows and Patio Doors, 400 Series Patio Doors, and select 200 Series Patio Doors.

### FOR MAXIMUM ENERGY EFFICIENCY IN NORTHERN CLIMATES:

Andersen offers the following triple-pane glass options when heating costs are a primary concern.

ANDERSEN GLASS OFFERING	GLASS PERFORMANCE COATINGS		
	U-Factor	SHGC	VLT
Low-E4 <sup>®</sup> Triple-Pane	0.26	0.28	0.47
Low-E4 Enhanced Triple-Pane	0.22	0.27	0.46
Low-E4 Enhanced Triple-Pane with HeatLock <sup>®</sup> Technology	0.20	0.26	0.44

Performance values are based on an A-Series 3250 double-hung window.

### FOR ENERGY EFFICIENCY IN ANY CLIMATE:

Our SmartSun<sup>™</sup> triple-pane glass options help keep heat from inside in cold weather months and also block heat from the sun in warmer months. These SmartSun options offer great versatility because they help make our products ENERGY STAR certified in all regions of the country.

ANDERSEN GLASS OFFERING	GLASS PERFORMANCE COATINGS		
	U-Factor	SHGC	VLT
Low-E4 SmartSun <sup>™</sup> Triple-Pane	0.26	0.19	0.43
Low-E4 SmartSun Enhanced Triple-Pane	0.22	0.18	0.41
Low-E4 SmartSun Enhanced Triple-Pane with HeatLock <sup>®</sup> Technology	0.20	0.18	0.40

Performance values are based on an A-Series 3250 double-hung window.

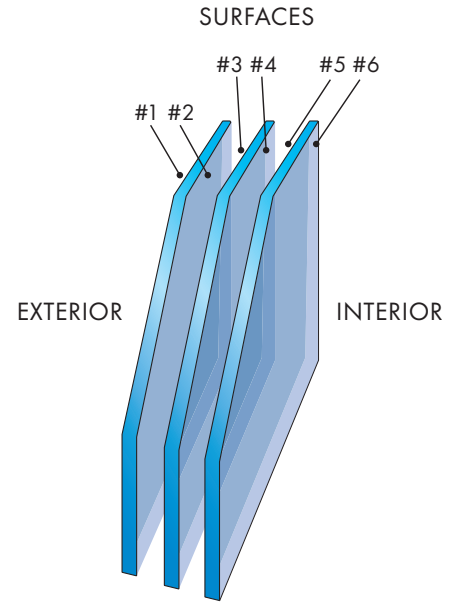


# TRIPLE-PANE GLASS

## TRIPLE-PANE GLASS TECHNICAL SPECIFICATIONS

Triple-pane glass has multiple surfaces on which we're able to apply a glass coating. Overall glass performance increases with each additional surface coating.

	ANDERSEN® GLASS OFFERING	GLASS PERFORMANCE COATINGS
<b>GOOD:</b> One Surface Coating	Low-E4® Triple-Pane	Coating on surface #2
	Low-E4 SmartSun™ Triple-Pane	Coating on surface #2
<b>BETTER:</b> Two Surface Coatings	Low-E4 Enhanced Triple-Pane	Coating on surfaces #2 & #5
	Low-E4 SmartSun Enhanced Triple-Pane	Coating on surfaces #2 & #5
<b>BEST:</b> Three Surface Coatings	Low-E4 Enhanced Triple-Pane with HeatLock® Technology	Coating on surfaces #2, #4 & #6
	Low-E4 SmartSun Enhanced Triple-Pane with HeatLock Technology	Coating on surfaces #2, #4 & #6



## FREQUENTLY ASKED QUESTIONS

- **Does product type, size, and options such as grilles impact performance ratings?**  
Yes, performance ratings can be verified on window quotes in iQ+.
- **What does “Enhanced” mean?**  
Enhanced means that additional Low-E coatings have been applied to improve thermal performance and help lower energy bills.
- **Are all six triple-pane options ENERGY STAR® certified in the North and North Central climate zones?**  
Yes.\*
- **Do Andersen offer products with dual-pane glass options that are ENERGY STAR certified?**  
Yes, visit [andersenwindows.com/glassoptions](https://andersenwindows.com/glassoptions) for details on all of our glass options.
- **Does triple-pane glass reduce sound transmission more than dual-pane glass?**  
There is only a very slight improvement to STC/OITC values (compared to dual-pane glass).
- **Are there product restrictions when ordering triple-pane glass?**  
While we offer a wide array of products with triple-pane glass, we do have a few options that are not available with triple-pane glass. Those include windows and patio doors with: full divided light grilles, patterned glass, laminated glass, art glass and impact-resistant glass. Additionally, interior grilles are not available on A-Series Frenchwood® gliding patio doors with triple-pane glass.



\*Some patio door transoms do not meet ENERGY STAR requirements.  
 \*ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency.  
 \*Andersen® and all other marks where denoted are trademarks of Andersen Corporation.  
 ©2024 Andersen Corporation. All rights reserved. 2/24

For more information, visit  
[andersenwindows.com/glassoptions](https://andersenwindows.com/glassoptions)