

Whatever the Weather THE CHOICE IS CLEAR

Whether it's the location, the architectural style, or the family who lives there, every home is unique. The same goes for that home's energy bill. At Renewal by Andersen, we'll help you understand all the factors involved in choosing the right window glass – from glass heating and cooling performance to visible light transmittance and ultraviolet (UV) protection, as well as impact resistance and local code compliance.¹ **With customers across the nation and a glass solution for every climate, our windows take advantage of the newest technologies to help lower energy costs and keep your family comfortable.**



HIGH PERFORMANCE Low-E4® SmartSun™ Glass

One of our most energy-efficient glass options, SmartSun glass meets our highest standards in cool weather performance, yet is exceptional in hot climates where the air conditioner struggles to keep up with the sun streaming in through the windows. Without tarnishing the view, SmartSun glass blocks 95% of harsh UV rays that not only heat up the room but can damage drapes, artwork, and furniture.

Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows



HIGH PERFORMANCE Low-E4® Glass

Perfect for seasonal climates where both heating and cooling costs are a concern, our Low-E4 glass helps keep your home warmer in winter, cooler in summer, and blocks 84% of harmful UV rays.

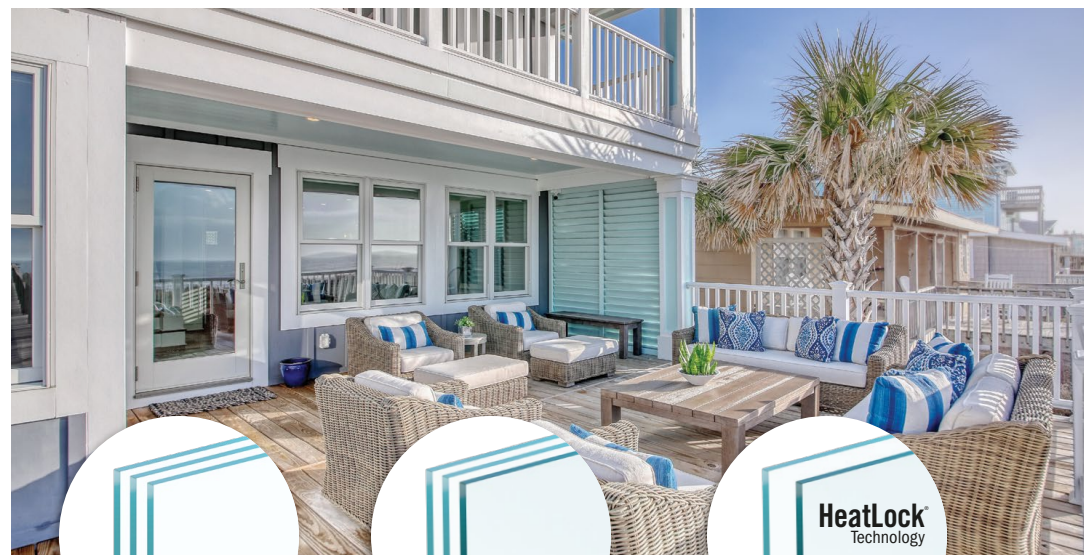
Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows



HIGH PERFORMANCE Low-E4® Sun Glass

For hot, dry climates with no shade and little cloud cover, our Low-E4 Sun glass helps reduce cooling costs by filtering out heat from the sun. Utilizing a subtle tint to block out even more solar heat.

Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows



HIGH PERFORMANCE Enhanced Triple Pane Glass

Enhanced comfort, enhanced efficiency, enhanced design. An extra pane of glass helps keep more heat in and cold air out, making this our most energy-efficient glass option. Perfect for colder climates where more months of the year are spent heating the home. Our High-Performance Enhanced Triple Pane Glass has the added benefit of Low-E4 glass, whereas the Enhanced Triple Pane with SmartSun glass has the added benefit of our Low-E4 SmartSun glass offering.

Select Renewal by Andersen® windows with Enhanced Triple Pane glass have been designated as one of the Most Efficient ENERGY STAR® certified products in 2023.



HIGH PERFORMANCE Enhanced Triple Pane with SmartSun™ Glass



HIGH PERFORMANCE Low-E4® SmartSun™ Glass with HeatLock® Technology

With this glass offering, you get all of the benefits of our Low-E4 SmartSun glass plus an energy-saving glass coating that reflects escaping heat back into the room, helping make your living space feel warmer and more comfortable.





Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows



¹Center of glass performance only. Ratings based on glass options as of January 2021. Visit renewalbyandersen.com/signature-service/energy-efficiency for ENERGY STAR® map and NFRC total unit performance data. Graphic limitations prevent exact color duplication. Actual glass appearance may vary.

THE RIGHT GLASS OPTIONS

For Your Coastal Home

GLASS	ENERGY		LIGHT	
	U-Factor How well a product prevents heat from escaping	Solar Heat Gain Coefficient How well a product blocks heat caused by sunlight	Visible Light Transmittance How much visible light comes through a product	UV Protection How well a product blocks ultraviolet rays
 LOW-E4® GLASS Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows	Outstanding overall performance for climates where both heating and cooling costs are a concern.	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
 LOW-E4® SMARTSUN™ GLASS Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows	Thermal control similar to tinted glass, with visible light transmittance similar to Low-E4 glass.	● ● ● ● ○	● ● ● ● ○	● ● ● ● ●
 LOW-E4® SUN GLASS Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows	Sun glass offers outstanding thermal performance with a subtle tint that blocks out even more heat from the sun.	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
 LOW-E4® SMARTSUN™ GLASS with HeatLock® Technology Impact-resistant glass option available with Renewal by Andersen Coastal Impact Windows	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ● ○	● ● ● ● ○	● ● ● ● ●
ENHANCED TRIPLE PANE GLASS	An extra pane of glass helps keep more heat in and cold air out, making this our most energy-efficient glass option best suited for colder climates.	● ● ● ● ●	● ● ● ● ○	● ● ● ● ○
ENHANCED TRIPLE PANE with SmartSun™ Glass	Our Enhanced Triple Pane glass with the added benefits of our Low-E4 SmartSun glass.	● ● ● ● ●	● ● ● ● ○	● ● ● ● ●



HeatLock®
Technology

