

— ULTREX® FIBERGLASS

Glass Performance Options

INFINITY®

from **MARVIN**®
REPLACEMENT WINDOWS

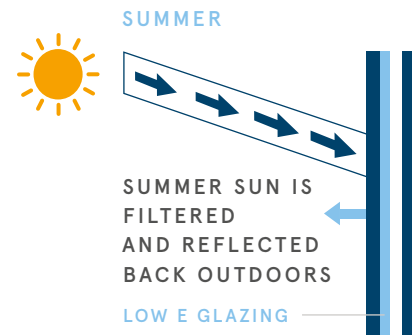
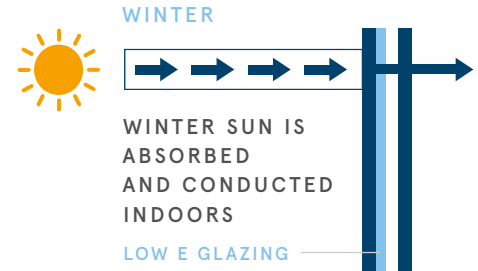
Built for life®



Which factors should I consider?

Key performance factors

- **U-Factor:** U-factor measures how well a window keeps heat inside your home. A higher number allows more heat to escape your home; a lower number allows less heat to escape. If you live in a cooler climate, you'll want to look for a low U-factor.
- **Solar Heat Gain Coefficient (SHGC):** The SHGC measures how much heat from the sun enters your home. The lower the number, the less heat the window lets in. You want a lower SHGC if you have high cooling costs in the summer; a higher SHGC can help warm a home in a cooler climate during the winter.
- **Visible Transmittance (VT):** Visible Transmittance measures the amount of visible light that passes through a window. A higher VT rating indicates more daylight.




Maximizing energy efficiency.

Low E insulating glass coating options


Extremely thin coatings of special low emissivity (Low E) metallic material are applied to glass panes to boost their energy efficiency and block out UV rays. Since glass choice plays a big factor in window and door efficiency, your local Infinity partner can provide recommendations on the best choice for your home.

Low E2 glass is 56% more energy efficient in the summer and 49% more energy efficient in the winter.* Low E3 glass is 70% more energy efficient in the summer and 49% more energy efficient in the winter.*

Low E1 


Low U-Factor
High solar heat gain

Primarily used in colder climates, Low E1 allows more heat in to warm a room while blocking heat loss.

Low E2 

Low U-Factor
Medium solar heat gain

Low E2 offers year-round performance in moderate climates. It helps retain heat in the winter and keep heat out in the summer. It also blocks 84% of the sun's UV rays to reduce fading.

Low E3 

Low U-Factor
Lower solar heat gain

Low E3 rejects solar heat while letting light in, resulting in increased performance in climates with intense sun exposure. It also blocks up to 95% of the sun's damaging UV rays.

Low E3/ERS  

Superior U-Factor
Lower solar heat gain

With an extra metallic layer on the room-side glass to reflect escaping heat back into the room, Low E3/ERS provides maximum efficiency year round in all conditions.

*Values are based on comparison of Infinity from Marvin double-hung window U-Factor to the U-Factor for clear dual pane glass non-metal frame default values from the 2018 International Energy Conservation Code "Glazed Fenestration" Default Tables.

SPECIALTY GLASS

Performance options that pass the test.



Tempered Glass

Increases glass strength to help prevent breakage. This option is ideal for windows that are close to the floor or located in high-traffic areas.

Laminated Glass

Even more durable than tempered glass, laminated glass is often referred to as impact resistant or safety glass due to its vinyl interlayer that tends to remain in place when cracked.

STC/OITC Glass

Sound Transmission Class and Outdoor-Indoor Transmission Class Glass has increased pane thickness, ideal in areas where outside noise is a concern.

California Fire Glass

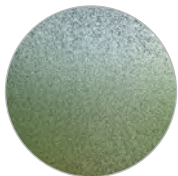
Available on windows where forest fire codes require one pane to be made from tempered glass.**

DECORATIVE GLASS

Adding extra daylight to a private space.

Decorative glass options

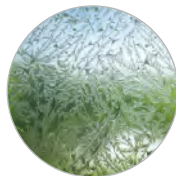
Add light and style to your home while preserving privacy with Infinity's decorative glass options.



OBSCURE



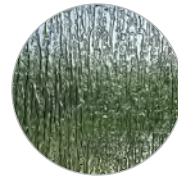
NARROW REED



GLUE CHIP



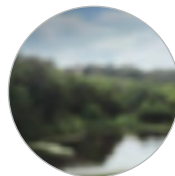
REED



RAIN



FROST



GRAY TINT



GREEN TINT



BRONZE TINT

**Infinity windows are not fire-rated.

Still curious about glass? We can help.

Replacing your windows and doors is an important investment in your home. Our local independent partners are ready to answer your questions about glass options and more. Thank you for considering Infinity from Marvin for your home.

Call 1-888-206-1332 for the Infinity from Marvin local independent partner nearest you. In Canada, call 1-800-263-6161. Or visit us at infinitywindows.com.

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Part #19981676. October 2022.

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