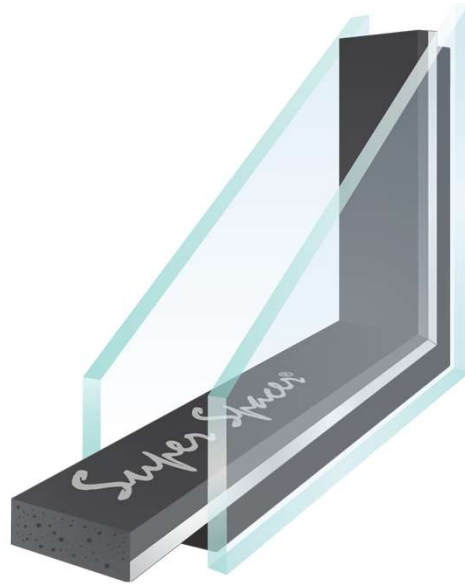


LET'S TALK ALL THINGS GLASS



INSULATED GLASS UNIT (IGU)

An IGU (Insulated Glass Unit) is a sealed unit with glass panes separated by a spacer and filled with insulating gas, designed to enhance energy efficiency and soundproofing. Thermoproof IGUs feature Cardinal LoE Glass, Super Spacer™ technology, and Argon Gas for superior thermal performance and reduced condensation. This means, our windows provide optimal insulation, keeping your space warmer in winter and cooler in summer.

Dual Pane: SunSmart1 and SunSmart2. Two glass panes with argon gas, offering great insulation and noise reduction.

Triple Pane: SunSmart3 and SunSmart4. Built with three panes of glass, triple pane windows provide better insulation compared to dual pane. This helps lower heating costs, and acts as an excellent sound barrier.

LOW-EMISSIVITY GLASS (LoE)

Low-emissivity glass is coated with a thin transparent metal layer to reduce heat loss, improve energy efficiency, lower cooling costs, and minimize condensation.



LoE 270

In Summer, the LoE 270 coating blocks infrared radiation, heat and UV rays. In winter 270 reflects warmth back inside.



LoE 366

Upgrading to LoE 366 provides even greater protection against solar heat gain and UV rays.



LoE i89

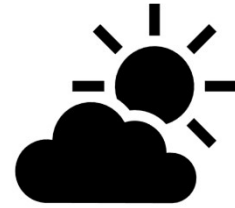
Applied on the interior surface, i89 offers an extra layer of insulation by reflecting heat back into your home during winter.



LoE 180

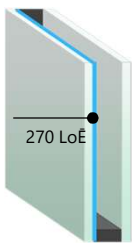
Paired with LoE 270 or 366, LoE 180 acts as an insulator that helps protect against heat loss.

THERMOPROOF SUNSMART™



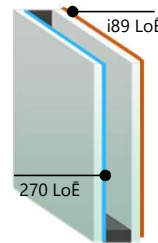
Who says you can't do anything about the weather?

● **Bronze** Good ● **Silver** Excellent ● **Gold** Highest



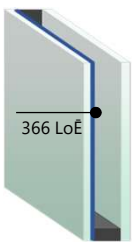
SunSmart 1

Dual Pane
270 LoE – Clear
● U-Value
● Solar Heat Gain



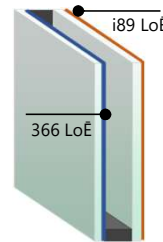
SunSmart 1+

Dual Pane
270 LoE - i89 LoE
● U-Value
● Solar Heat Gain



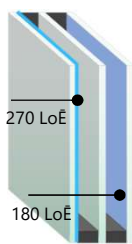
SunSmart 2

Dual Pane
366 LoE – Clear
● U-Value
● Solar Heat Gain



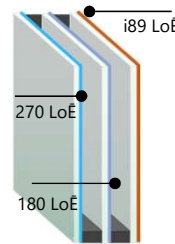
SunSmart 2+

Dual Pane
366 LoE - i89 LoE
● U-Value
● Solar Heat Gain



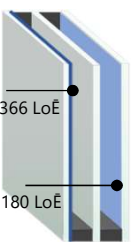
SunSmart 3

Triple Pane
270 LoE – Clear - 180 LoE
● U-Value
● Solar Heat Gain



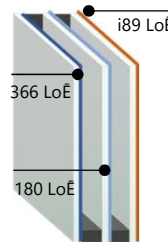
SunSmart 3+

Triple Pane
270 LoE - 180 LoE - i89 LoE
● U-Value
● Solar Heat Gain



SunSmart 4

Triple Pane
366 LoE - Clear - 180 LoE
● U-Value
● Solar Heat Gain



SunSmart 4+

Triple Pane
366 LoE - 180 LoE - i89 LoE
● U-Value
● Solar Heat Gain