Loewen

TRUE TRIPLE GLAZING

50 YEAR ANNIVERSARY

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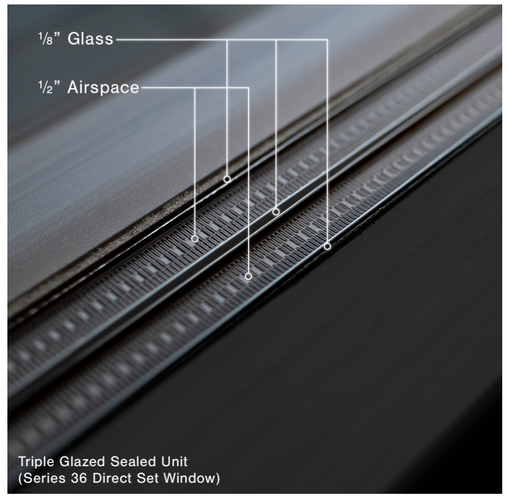
SALA Architects | Corey Gaffer Photography

For 50 years and counting, Loewen has offered True Triple Glazing, allowing you to enjoy your surroundings without letting them in.

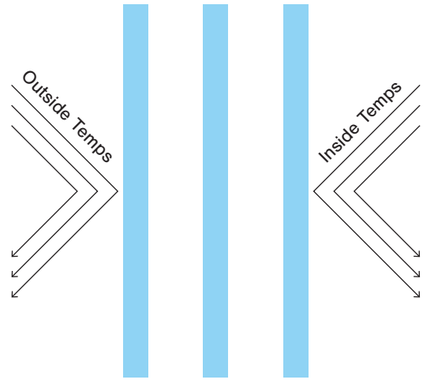
50 years ago, Loewen Windows and Doors pioneered True Triple Glazing options. Performance and longevity are key features of all Loewen products, and none exemplify this more than our true triple glazed sealed units. These high-performance and long-lasting units have become an integral part of our identity, with True Triple Glazing being a standard option across our product line.

Loewen's true triple glazed sealed units are optimized for maximum energy efficiency. With multiple low E coatings, and ½ inch air spaces filled with Argon Gas, our True Triple Glazing minimizes heat transference through all three means: convection, radiation, and conduction. The ½ inch air space is crucial for achieving peak performance, as units with narrower gaps are less effective, while wider spaces do not significantly contribute to improved performance.

With a long history of engineering for cold weather conditions, performance runs in our veins. Loewen's True Triple Glazing provides the performance required for all environments. As aggressive new local codes and building regulations are implemented to enhance energy efficiency in every state, Loewen's True Triple Glazing emerges as the optimal choice for new construction projects.



Triple Glazed Sealed Unit
(Series 36 Direct Set Window)



Flato Architects | Casey Dunn Photography

GLAZING FEATURES

Loewen's thick (1/8" minimum) double-strength glass offers superior strength and clarity, making our products highly insulative, soundproof, impact-resistant, and capable of withstanding stresses caused by temperature fluctuations.

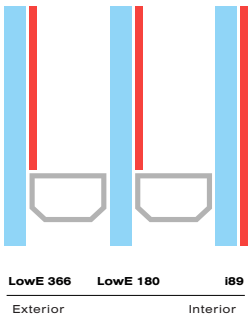
Our standard sealed units incorporate Argon gas in all air spaces and utilize machine-applied primary and secondary sealants. This reduces the risk of seal failure, improves Argon gas retention, and enhances overall strength. Argon gas, being an inert gas, is more insulating than regular air, multiplying its effectiveness.

Each sealed unit includes a sash venting channel built beneath it, allowing for a weeping system in the event of moisture or condensation. An airspace between the wood and window cladding creates a thermal break, minimizing conductivity from the aluminum to the wood. The sash cladding is designed to avoid contact with the glass, reducing the opportunity for thermal conduction. With no glass-to-metal contact, heat conduction is kept to a minimum.

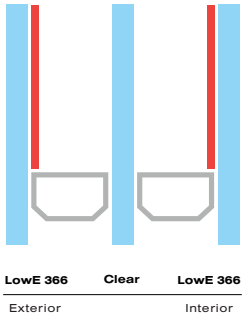
Stainless steel spacer bars are less conductive than aluminum and offer superior structural integrity compared to silicone foam type spacers. Spacer bars are available in all air spaces behind SDL muntins, simulating the appearance of true divided lites without any visible gaps behind the muntins.

Examples of LowE Configurations

ANNEALED: LowE T366 - 180 - i89



ANNEALED: LowE T366 - 366



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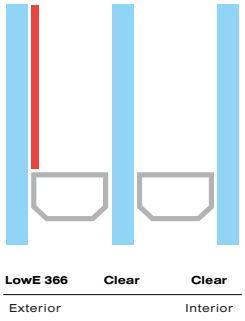
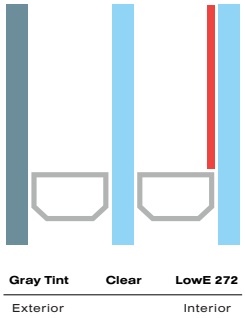


ANNEALED: Gray LowE T272



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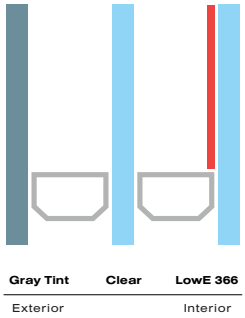

TEMPERED: LowE T180 - 180