



FEATURES AND BENEFITS

# TIMBER CURTAIN WALL

*Loewen*



# OVERVIEW

Advanced European engineering meets modernized design.

The Loewen Timber Curtain Wall system offers large glass assemblies with extremely narrow mullions. Our engineered wood timbers create a beautiful and warm interior, the exterior covers are available in extruded aluminum, solid wood, or Cyprium - copper or bronze cladding.

## OVERVIEW OF OUR OFFERING

Vertical walls, rakeheads, corners, and integrated operable units

Monolithic, dual, and triple-glazed options

Multiple wood species for engineered timbers

Aluminum, wood, or Cyprium exteriors

## TIMBER DEPTHS

Assigned based on geography and wind-load, typically 4" to 12"

## SIZING

Systems available with unlimited width, 22' height

*The Loewen TCW system allows larger sizes than are typically available in our Picture/Direct Set offering.*

## PERFORMANCE BRIEF

Common U-Values - .24 (Dual) & .16 (Triple)

*\*U-Values just representative of common performance, more aggressive performance (.13 triple) can be achieved.*



# HIGHLIGHTED FEATURES & BENEFITS

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## ROBUST SIZES AND CONFIGURATIONS

The system can reach heights of up to 22 feet and widths that are infinitely wide, limited only by the structurally supported opening in the building. Corners can be configured for segmented curves, to accommodate structural members, or to incorporate butt-installed glass features.

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## STRUCTURALLY SELF-SUFFICIENT

Designed to withstand heavy winds, the Loewen Timber Curtain Wall is a custom-engineered system capable of structurally sustaining itself under load.

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## ROBUST TIMBER CONSTRUCTION

Laminated timbers are the default option, allowing for long lengths of high-quality Douglas Fir or other wood species. A skinned timber option is also available, showcasing VG Douglas Fir, Rift Sawn White Oak, or other species-specific features. Loewen's fit and finish is demonstrated in the timber construction, which minimizes defects, gaps, and other unsightly assembly methods. Timber sizes can be modified to align with inserted products, reinforce the curtain wall in high winds, or meet aesthetic goals, making the system fully customizable.

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## STREAK-FREE DRAINAGE SYSTEM

Exterior beauty caps discreetly redirect water to vertical members and out the bottom of the system. This reduces water streaking on glass and minimizes the need for frequent cleaning.

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## READY FOR INSTALL

All components are cut to fit, labeled, and prepped for stress-free installation. Sealed units are included as part of the package, creating a unified product offering and allowing Loewen to provide NFRC thermal ratings.

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## ACCEPTS LOEWEN PRODUCTS AS INSERTS

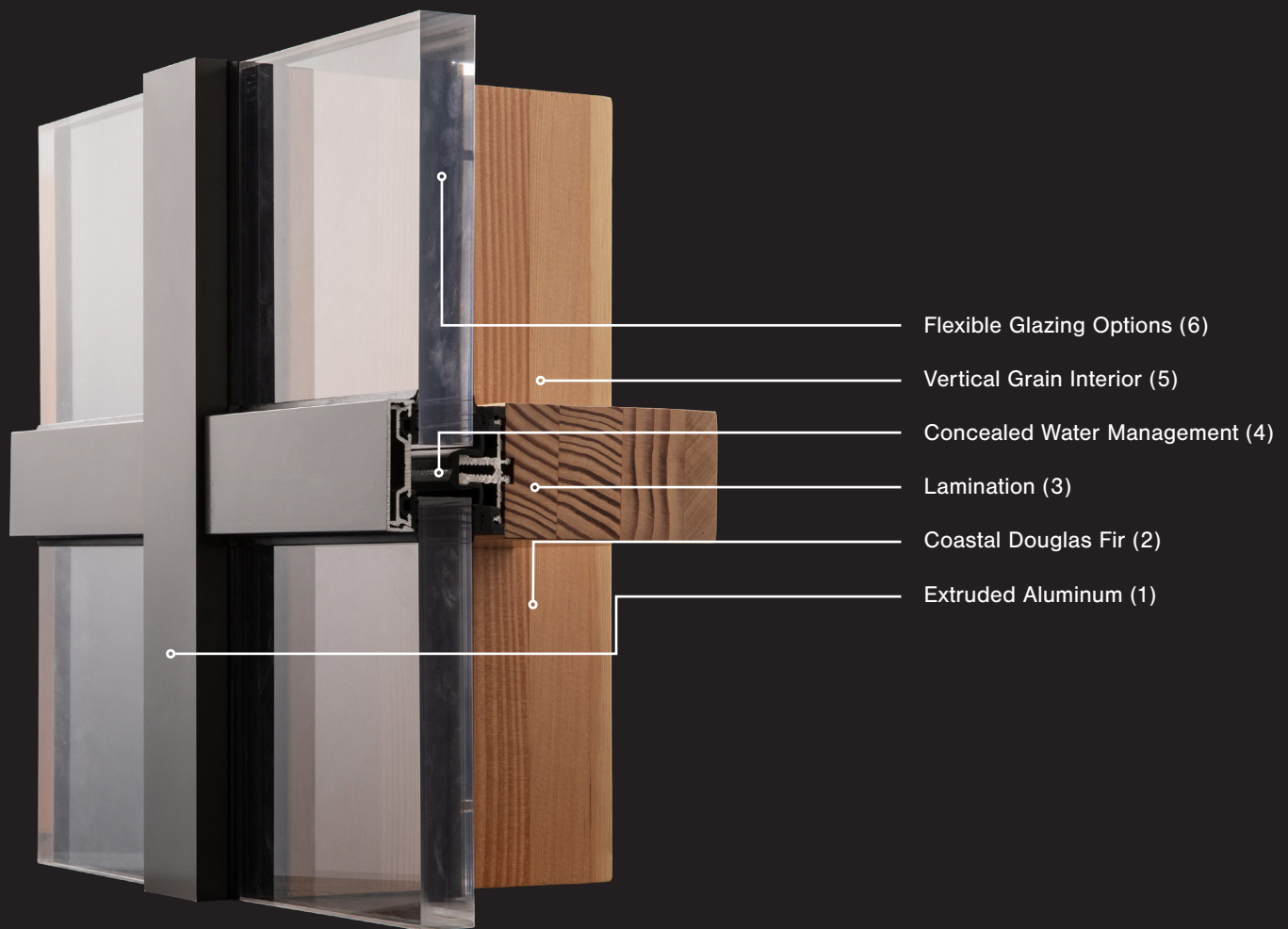
Most standard Loewen products can be easily integrated into the Timber Curtain Wall system. LiftSlide and Pivot Door products can use the existing timbers as their frame, and the system can also accommodate low-voltage wiring for automation, keyless entry, and switchable glass.

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## ROBUST SUPPORT TEAM

Loewen's Architectural Service team is available to provide design support for any project. In addition, Loewen's installation program equips dealers with the training needed to install the Timber Curtain Wall system with confidence.

*Visit [Loewen.com](https://www.loewen.com) or talk to your local dealer for a comprehensive education on what makes our Timber Curtain Wall system the obvious choice in today's architectural market.*



# LOEWEN FUNDAMENTALS

Our highly customizable product offering is engineered for uncommon strength and durability.

1. Extruded aluminum cladding withstands serious impact without sustaining damage.
2. Coastal Douglas Fir for strength and rigidity.
3. Laminated wood components offer enhanced structural stability, especially important for long timber lengths.
4. As seen across our entire portfolio, meticulous design considerations have lead to a high-performing system that sheds water through the verticals, leaving the windows streak-free.
5. Similar to our door offerings, the interior surface of our Timber Curtain Wall is beautiful vertical grain Douglas Fir as a standard.
6. Monolithic glazing as well as dual glazing and triple glazing with full 1/2" airspace is available (acrylic placeholder shown). 1/2" airspace is the optimum performance-spec when using an Argon Gas fill.

*The corner section shown includes a Tuscany Brown aluminum clad exterior with a clear coat Douglas Fir interior. The Vertical timber is 6" deep, horizontal timbers are 4" deep. Acrylic placeholders are standing in for the sealed units that are typically included with the Loewen Timber Curtain Wall system.*

[Loewen.com](https://www.loewen.com)