Loewen is known as the leader and innovator in contemporary fenestration products and we’re pleased to introduce a new pinnacle—the Loewen Timber Curtain Wall system. This new product offering embodies the spirit of contemporary architecture with capabilities to provide expansive glass assemblies, minimal profiles, increased viewing area, and cleaner sightlines—all without sacrificing performance.

Loewen has partnered with RAICO Bautechnik GmbH out of Germany to manufacture and distribute a timber curtain wall system specifically for the premium residential and light commercial markets. Our timber frame curtain wall combines the interior warmth of wood with steadfast performance and beautiful expansive views.

Custom Features Integrated Seamlessly
Custom units are created for every project from your architectural specifications. All units are factory prepped, predrilled, marked and labeled before disassembly, to ensure accurate and easy field assembly and glazing.

Features
- 2" (50 mm) wide Curtain Wall System
- Thermally broken, engineered system with all-wood interior
- Configurations include vertical walls, rakeheads, corners and integrated operable units (Casements, Awnings, Terrace and French Doors, and Sliding Doors)
- Monolithic, dual, and triple-glazed options in a variety of LowE coatings that align with other Loewen products
- Exterior covers in extruded aluminum, Douglas Fir, or Honduran Mahogany
- Factory prepped and configured mullion system for optimal quality and installation

Sizing
- System Height: Up to 20’ in a continuous, single span (longer lengths up to 30’ subject to review)
- System Width: Unlimited
- Max Lite Area: Varies by glass specification (thickness, annealed or tempered, etc.)
- Timber Depth: Varies based on wind load/structural criteria, typically 3" to 9"
- System Thickness: 2" (50 mm) exterior, 2-1/8" (54 mm) interior

Glass & Glazing
- A wide variety of glazing options available including triple glazed.
- LowE Double, LowE Triple.
- Exterior Simulated Divided Lites options available in Puffy, Ogee and Square.
- Interior SDL and stops options include Ogee, Square and Puffy.
Timber Curtain Wall

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FEATURES

2" (50 mm) wide Curtain Wall System
Thermally broken, engineered system with all-wood interior
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SIZING

System Height  Up to 20’ in a continuous, single span (longer lengths up to 30’ subject to review)
System Width  Unlimited
Max Lite Area  Varies by glass specification (tie thickness, annealed or tempered, etc.)
Timber Depth  Varies based on wind load/structural criteria, typically 3” to 5”
System Thickness 2” (50 mm) exterior, 2-1/8” (54 mm) interior
Timber Curtain Wall
Detail

Plan View

Interior Trim/Moulding options applied on site

Contemporary Frame Cladding

Corner - Mitered Post

Corner - Butt Glazed

Timber Curtain Wall Corner
Detail

Plan View

Corner Metal TO CL 41 5/8" [1057mm]

Timber to CL 39 7/16" [1002mm]

CL to Timber 32 13/16" [834mm]

CL to Corner Metal 35" [889mm]

Outside Dimension 42 11/16" [1084mm]

F.S. - Timber to Edge 40 1/2" [1029mm]

F.S. Timber 42 1/2" [1079mm]

R.O. 132 1/2" [3365mm]

90°

2 1/8" [54mm]

6" [153mm]

7 5/8" [194mm]

8 3/16" [209mm]

Insert 32" [813mm]

Insert 92 1/16" [2338mm]

Metal Clad

Triple Sash Dual Glazing

Timber Curtain Wall
Detail

Plan View

Contemporory Frame Cladding

Interior Trim/Moulding options applied on site

Interior Trim/Moulding options applied on site

Metal Clad Exterior

Wood Exterior