Timber Curtain Wall

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.

Glass & Glazing

- A wide variety of glazing options available including triple glazed.
- LowE Double, LowE Triple.

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 (lite 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

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2” (50 mm) exterior, 2-1/8” (54 mm) interior
Timber Curtain Wall Detail

Technical Guide Timber Curtain Wall

Metal Clad Exterior
Wood Clad Exterior

Frame Cladding
Contemporary

Aluminum Clad Exterior
Wood Exterior

Corner - Mitered Post
Corner - Butt Glazed

Glass 64 1/2" [1638mm]

2 1/8" [54mm]

8 1/4" [210mm]

6 1/2" [165mm]

7 5/8" [194mm]

6" [153mm]

8 1/8" [207mm]

Clip to Clip 22" [559mm]

CL to CL 41 1/4" [1048mm]

Glass 40 1/4" [1022mm]

7 9/16" [192mm]

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

F.S. Timber to Timber 103 11/16" [2634mm]

F.S. Timber to Timber 131 13/16" [3359mm]

F.S. 132" [3353mm]

R.O. 170 7/8" [4340mm]

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

R.O. 199 3/16" [5059mm]

F.S. 198 11/16" [5047mm]

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

Outside Dimension 42 11/16" [1084mm]

Outside Dimension 48" [1219mm]

CL to CL 65 1/2" [1664mm]

CL to CL 129 7/8" [3299mm]

Corner - Mitered Post
Corner - Butt Glazed

Glass 64 1/2" [1638mm]

2 1/8" [54mm]

8 1/4" [210mm]

CL to CL 34 7/8" [887mm]

Insert 92 1/16" [2338mm]

Glass 33 7/8" [861mm]

2 1/8" [54mm]

8 3/16" [209mm]