

Timber Curtain Wall with high energy efficiency



Formerly



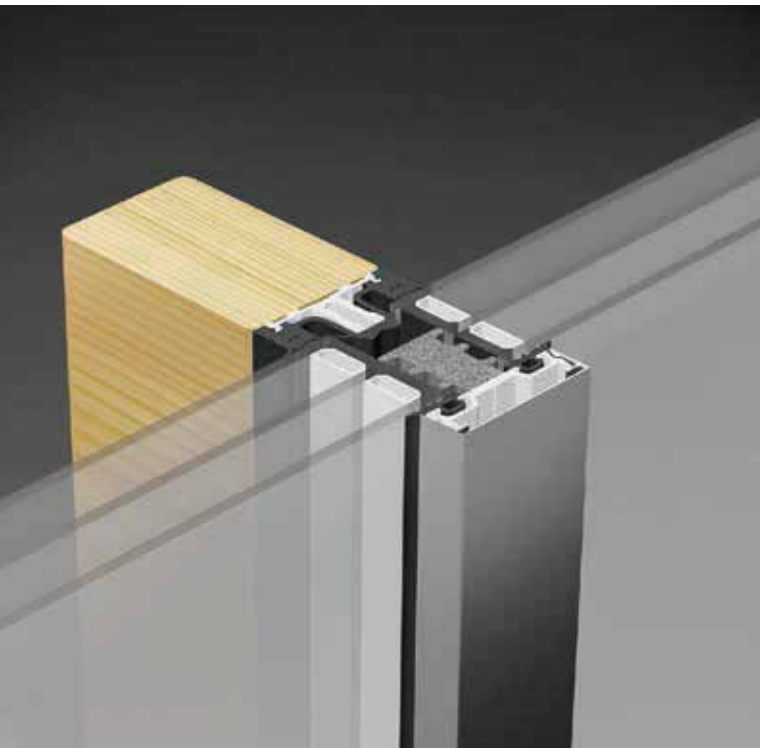


Timber glazed facade facilitating Net-Zero and Passive building construction

RAICO THERM+ German technology,
Passive-House-certified

Advantages

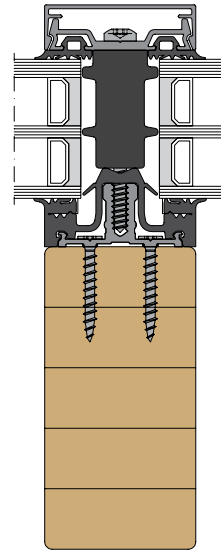
- Efficient thermal insulation to Passive House certification with $U_{m,t} = 0,80 \text{ W}/(\text{m}^2\text{K})$ (0.14 Btu/hr-sq ft °F) (considering screw influence).
- Stepless thermal insulation by means of RAICO Insulation Block Technology.
- Can accommodate designs requiring load bearing curtain walls.
- No external components penetrate through to the timber frame.
- Integrated drainage system in continuous three level gasket.



THERM+ H-I

For curtain walls and sloped glass roofs with an inclination as low as 2°, thus also ideal for any type of timber-aluminum conservatory.

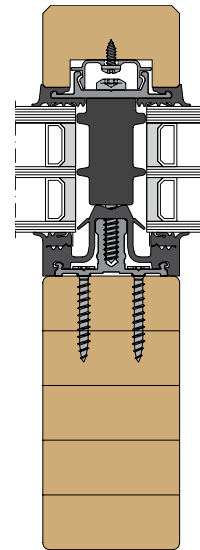
- System width : 56 / 76 mm (2 3/16", 3")
- For timber profiles from 60mm (2 3/8") wide
- Infill thickness : 12mm to 64mm (1/2" to 2 1/2")
- Glass weight : up to 600kg (1320 lbs)
- Drainage levels : 2 or 3
- Polygonal assembly up to 45°
- Glass roof application down to 2° inclination
- Skylight application



THERM+ Timber H-I

Timber Cover Cap Profiles

Can be produced in a sustainable and dependable way with THERM+. The glazing technology is based on aluminum and EPDM components. The decorative timber profile is retained by a concealed profile.





Wood is one of the oldest and most versatile building materials used by humanity but it also has a large part to play in the future of healthy buildings and housing.

The use of wood in a building has clear physiological and psychological benefits that simulate the effects of spending time outside in nature. The feelings of natural warmth and comfort that wood elicits in people has the effect of lowering blood pressure and health rates, reducing stress and anxiety, and increasing positive interactions.

Unicel Architectural Corp.

2155 Fernand-Lafontaine Boulevard
Longueuil, Québec, J4G 2J4 Canada

unicelarchitectural.com

unicel@unicelarchitectural.com

Luc Paquet

Architectural Representative

T: 800.668.1580 x 251

C: 514.605.0049

E: lpaquet@unicelarchitectural.com

