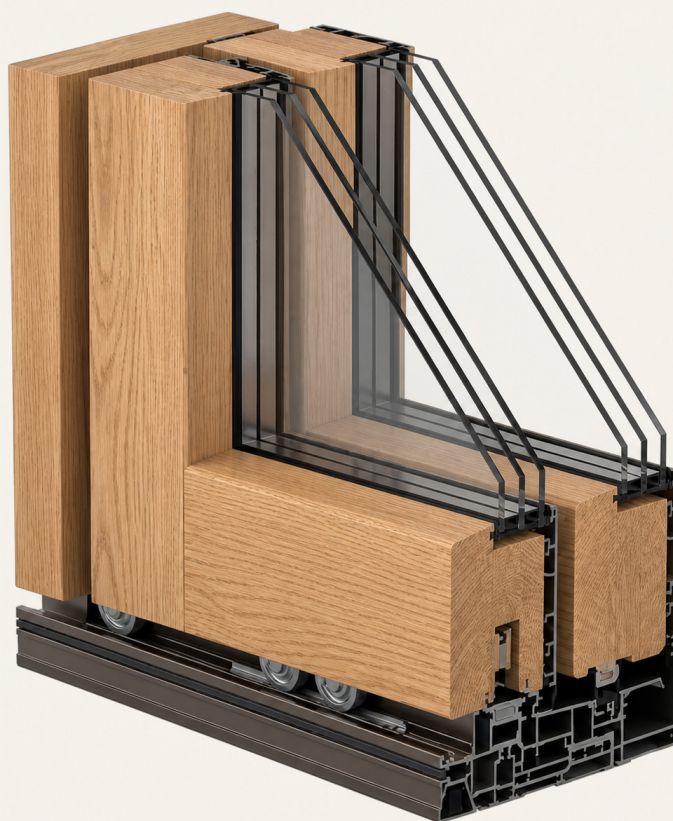
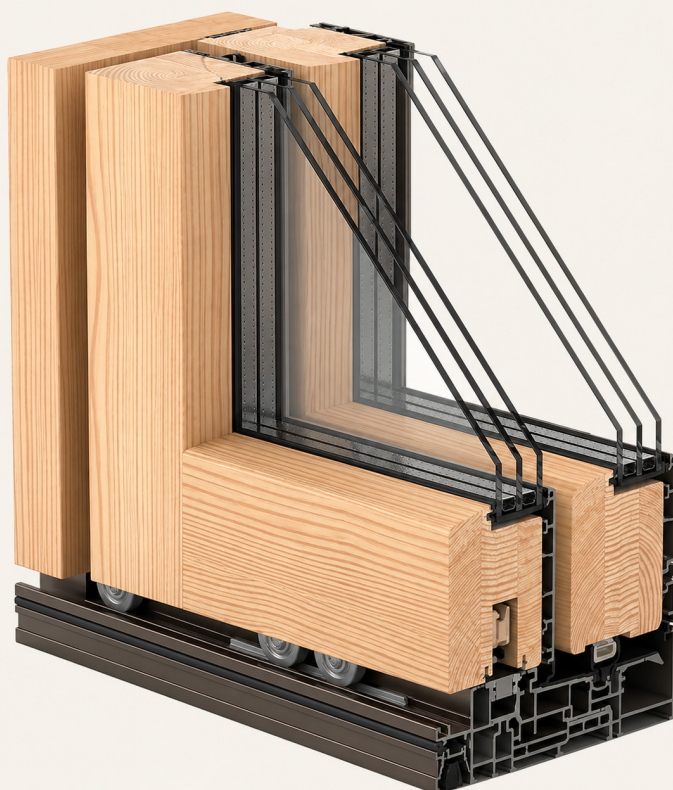


Timber Clad LiftSlide I & II

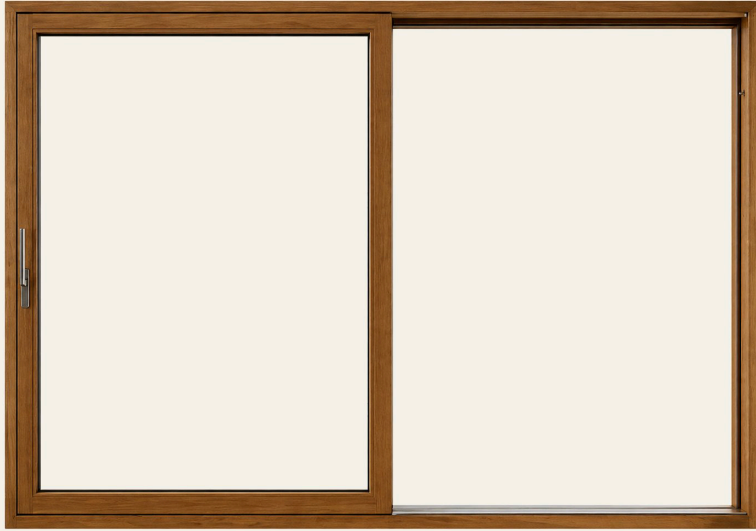
Timber Interior. Aluminum-Clad Exterior.
Expansive Openings, Simplified.



Craftsmanship for over 30 years



Inside



Outside

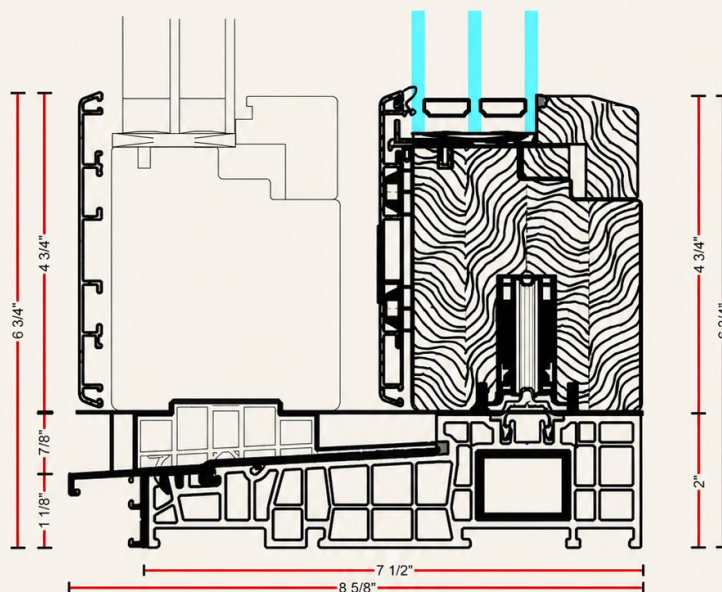
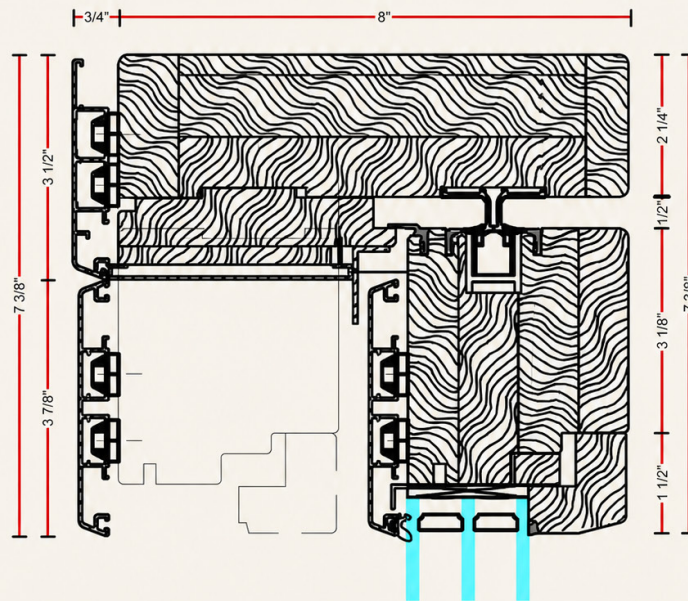




Technical Drawings

[Click Link For Timber Clad I LiftSlide Technical Drawings](#)

[Click Link For Timber Clad II LiftSlide Technical Drawings](#)

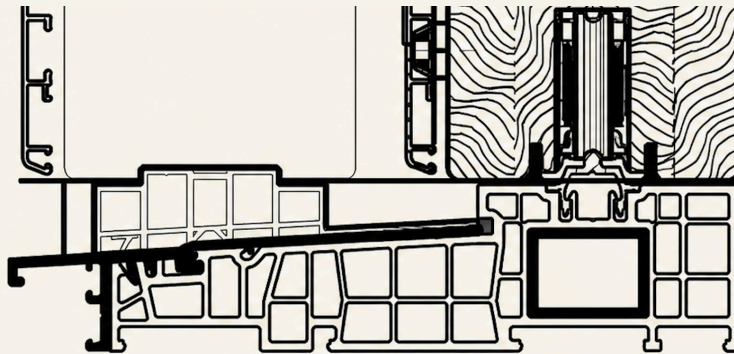
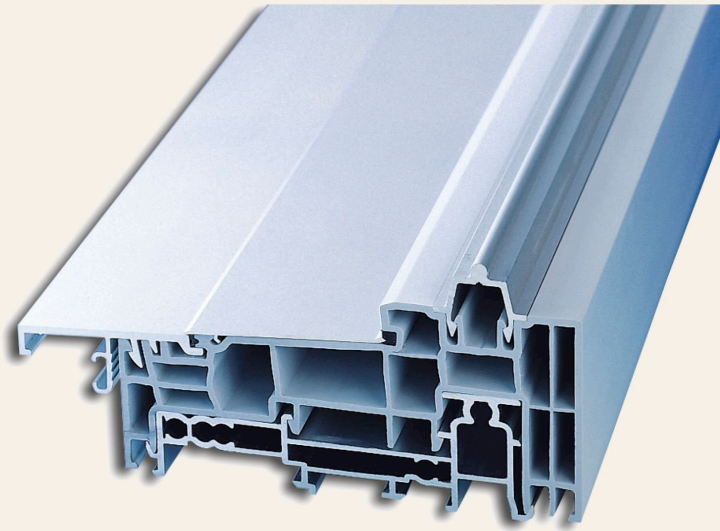


Timber Clad II LiftSlide Detail

Thresholds

We specify GU-engineered thresholds – purpose-built for lift & slide systems, not adapted from generic door hardware.

1. Thermostep: Engineered High-Performance Threshold. Typically Built-Up System (~2" Installed) For Maximum Weather Protection And Drainage Control. Available In Both Timber Clad I & Timber Clad II



2. Timberstep 164: Low Threshold – Thick Profile Compatible. Supports Larger Sash Depths And Higher Loads While Maintaining A Reduced Threshold Height. Base Height ~7/8" (Before Running Rail And System Build-Up). Available In Timber Clad I & Timber Clad II

3. Flat Step: Minimal Threshold – Ultra-Low Profile. Designed for the lowest possible visible threshold height. in standard configurations. Base height ~7/8" (without running rail). Available in Timber Clad I

4. Threshold 47: Standard Raised Threshold With a small installation height of ~1-7/8" (without running rail) – Maximum Protection. Available in Timber Clad I

Subfloor-Integrated Threshold System

Minimal thresholds are only possible because of what sits beneath them.

At Prickly Mountain, thresholds are not standalone components — they are part of a fully engineered sub-sill system.

Lift & Slide doors carry significant weight. A minimal threshold alone cannot provide the structural stability, thermal separation, and water management required for long-term performance.

To resolve this, GU systems utilize a structural base profile installed at the subfloor level, onto which the threshold assembly is mounted.

System Function

Structure

Multi-chamber support profiles distribute load into the slab, preventing deflection under heavy sash weights.

Thermal Separation

Integrated geometry interrupts thermal bridging at the sill — a critical failure point in conventional installations.

Water Management

Allows proper integration of drainage layers, drip edges, and waterproofing membranes.

Tolerance + Alignment

Provides a stable, level base for precise threshold installation and long-term operability.

Application

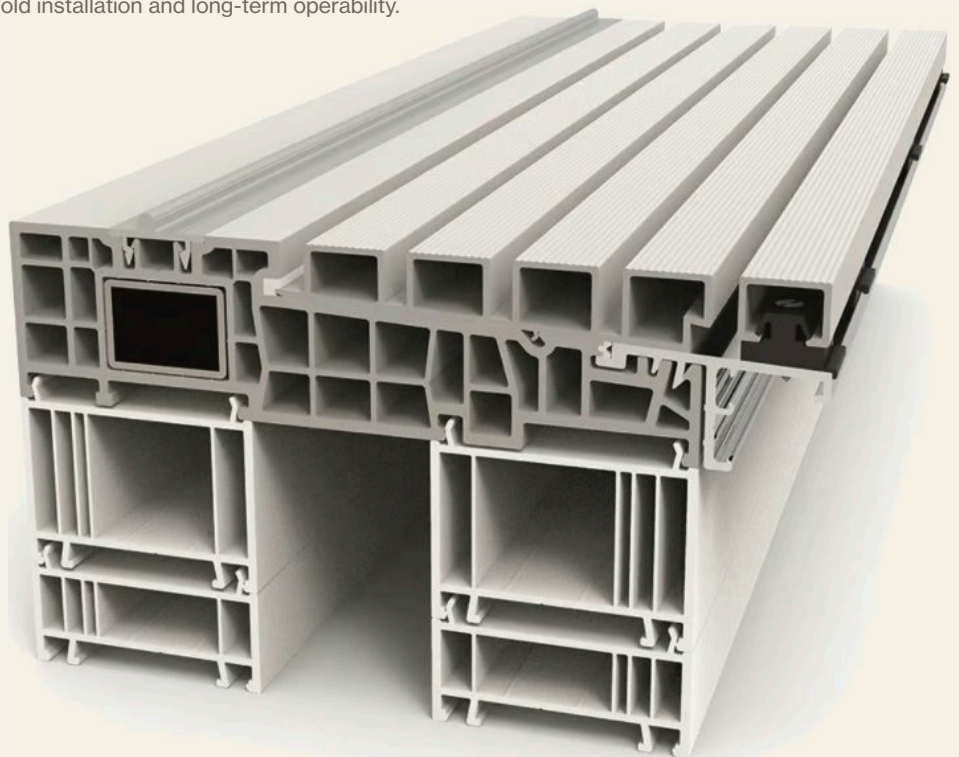
Required for:

Subfloor-integrated thresholds

Low and minimal threshold configurations

Large-format lift & slide systems

88mm (high-performance) assemblies

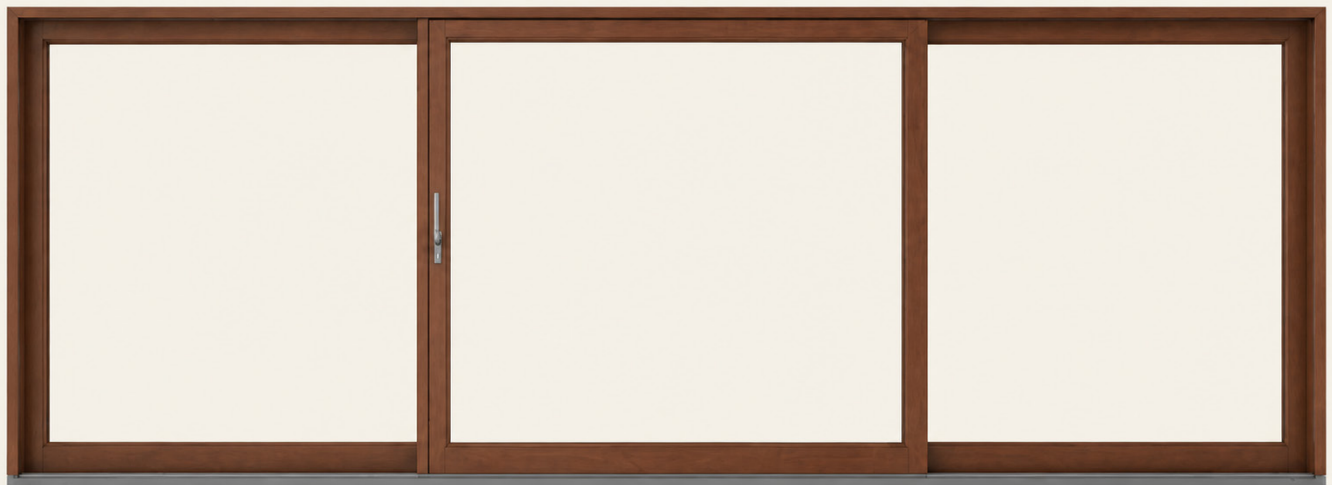


Opening Possibilities

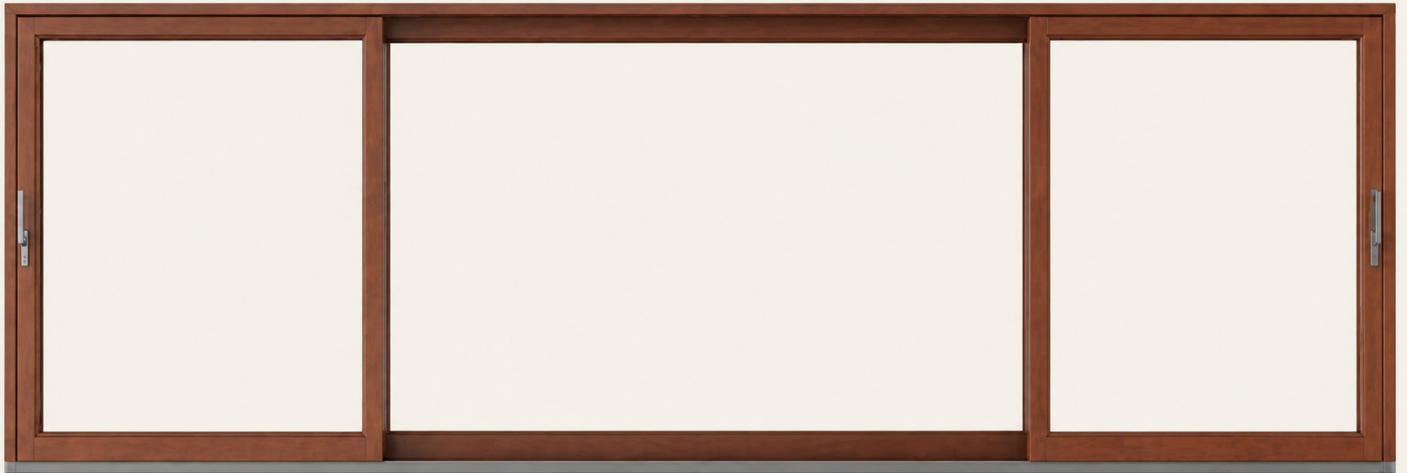
SCHEME A (XO & OX)



SCHEME B (OXO)



SCHEME C (XOX)



SCHEME D (OXXO & XOOX)



Corner To Corner Lift & Slide

(Lift & Slide and Lift & Slide Meeting At Corner or Lift & Slide Meeting Window or Door Unit At Corner)

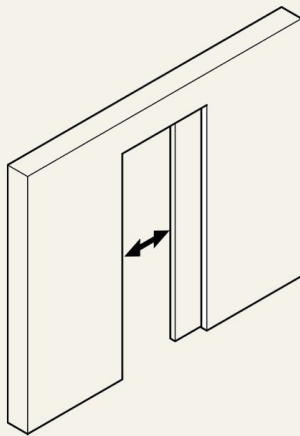


Pocketing

Architecture, uninterrupted.

A pocket sliding system removes the panel from the opening entirely – disappearing into the wall cavity. When open, there is no stack, no obstruction, no visual interruption. Just a clean, continuous connection between interior and exterior.

This is not a variation of a sliding door. It is a spatial decision.



Handles

Spindle Diameter: 10 mm

Spindle Length: Typically ≈

Handle Height: Center of sliding panel

Custom placement: No adjustment possible

Standard Handles (Standard Pricing)

- Can Be Painted To Match Unit Color

FKS



Premium Handles (Premium Cost, Limited Availability)

FSB

A | FROM THE ANVIL

ROCKY MOUNTAIN
H A R D W A R E

-ento

Rollers, Fittings, & Motorization

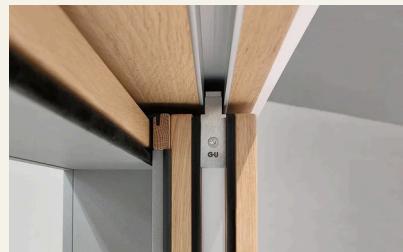


Hardware

- Top Rail Guide
- Lift and Slide runners (Bogies)
- Customizable bumpers allowing stoppage at any location.

Optional

Security · Sensors · Restrictors · Motorization



Considerations

1. PRECISION REQUIRES STABILITY

Tight tolerances.
Any movement breaks the system—
seals fail, panels misalign,
deflection binds operation.

2. THRESHOLD INTEGRATION IS A SYSTEM—NOT A DETAIL

Not a part—a junction.
Structure, drainage, waterproofing,
finish height—misalign one,
and the system fails.

3. GLASS WEIGHT DRIVES EVERYTHING

Size multiplies weight.
Weight drives hardware,
operation, lifespan.

4. POCKETING REQUIRES ARCHITECTURAL COMMITMENT

Not added—designed in.
Wall, structure, drainage, access—
resolved upfront or not at all.

5. THERMAL MOVEMENT IS REAL AT THIS SCALE

It expands and contracts.
No tolerance—binding, seal failure,
performance loss.

Technical

All Dimensions, Sizing Ranges, And Performance Values Are Provided For Reference And Are Confirmed During The Shop Drawing And Engineering Process For Each Project

Performance Values Shown Are Based On Standard Assemblies. Project-Specific Performance Is Determined Through System Configuration And Engineering

Final Installation Details Must Be Developed By The Architect Or Building Envelope Consultant And Coordinated With The Overall Building Design

Finish Disclaimer

Colors and finishes shown are for reference only. Final appearance may vary due to wood species, grain, natural variation, lighting conditions, and production processes. Physical samples should be reviewed and approved prior to order

Specialty sizes for both fixed and operable windows may be available at an additional cost. Please consult with Prickly Mountain for project-specific options

Water management performance is achieved through a combination of profile geometry, sealing systems, and concealed drainage paths. Final performance is dependent on proper installation, flashing integration, and site conditions

Accessibility compliance is configuration-dependent and must be verified at the shop drawing and specification stage. Final compliance is subject to project conditions, installation, and applicable local codes

Accessibility Considerations

Select hardware, low-threshold, and motorized configurations may support accessible design goals. Final compliance must be verified by the design team based on project conditions, selected configuration, and applicable code

Prickly Mountain Strongly Recommends Contractors Experienced In European Fenestration Installation

Information in this document can be modified without notice

Prickly Mountain
EUROPEAN WINDOWS & DOORS

www.pricklymountain.com