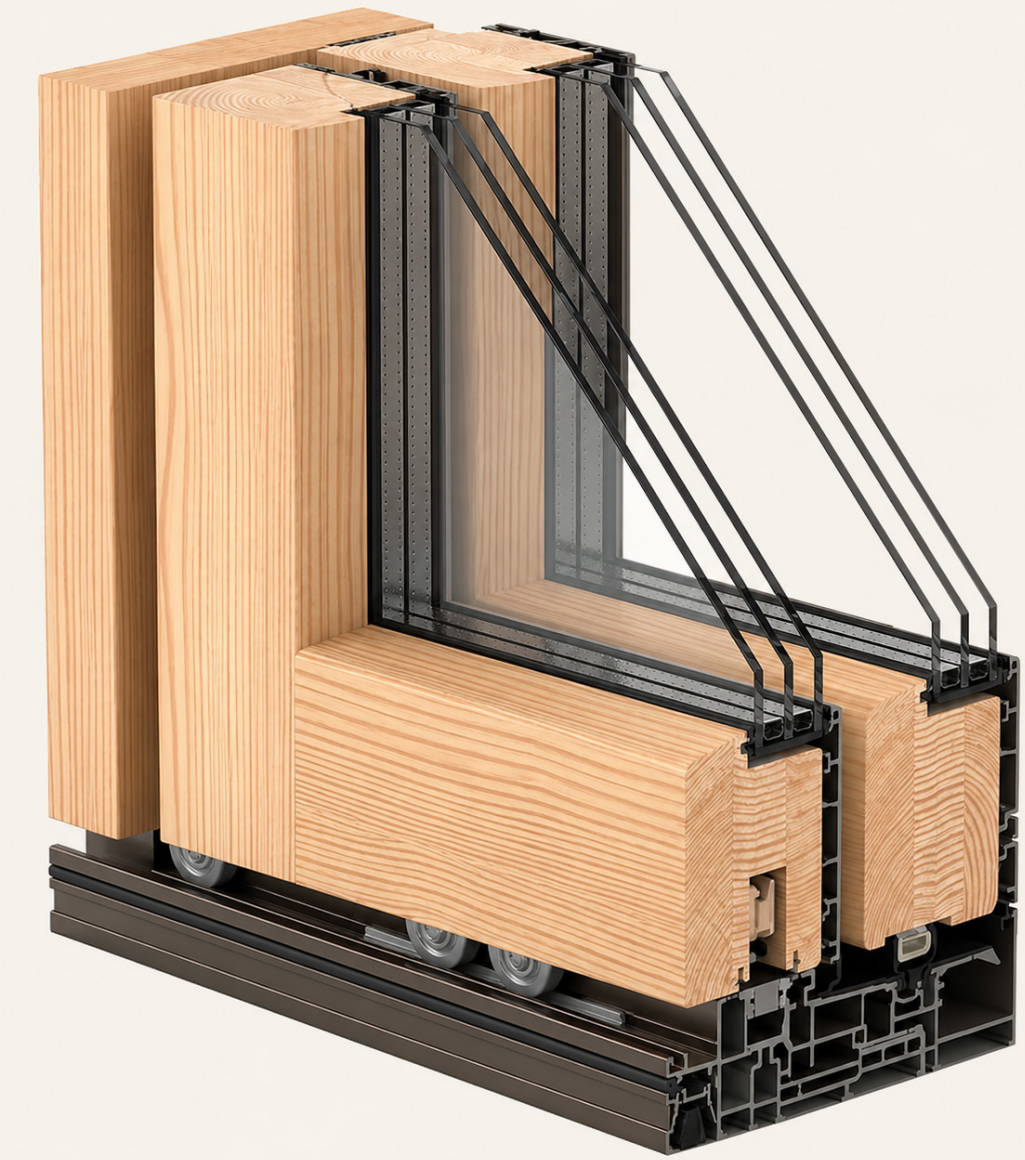
Timber Clad LiftSlide I

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

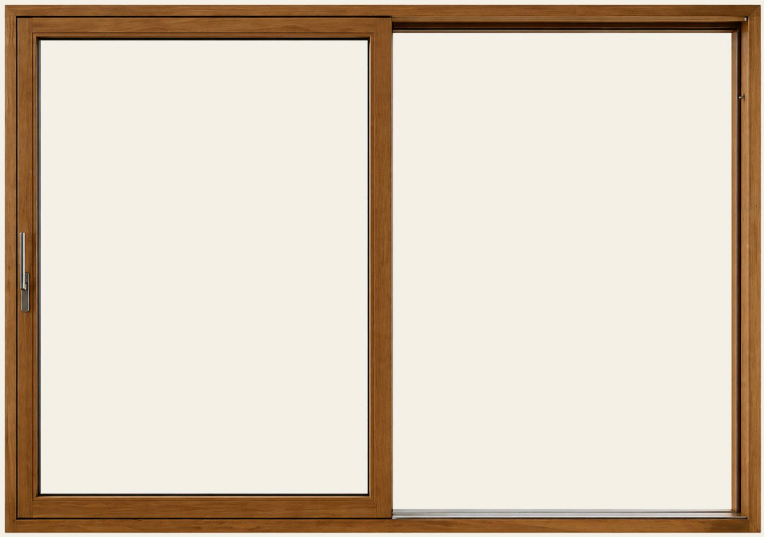


Prickly Mountain
EUROPEAN WINDOWS & DOORS

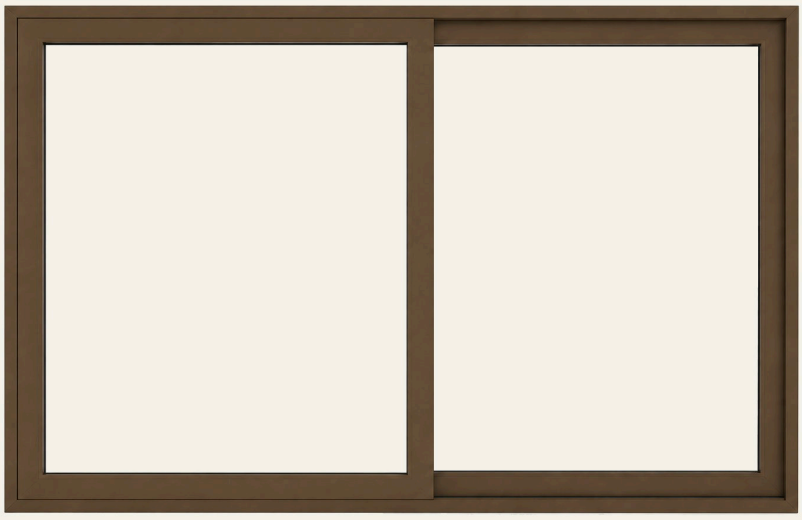
www.pricklymountain.com

Craftsmanship for over 30 years

Inside



Outside



Prickly Mountain
EUROPEAN WINDOWS & DOORS

Performance

SYSTEM PERFORMANCE

Air Infiltration: Class 3 ≈ ~0.06–0.10 cfm/ft²
Water Tightness: Class 5A ≈ ~7–9 psf
Wind Load Resistance: Class C2 wind ≈ ~30–35 psf design pressure

Air / Water / Structural Ratings As Per EN 1026 / 1027 / 12211
U.S. performance values require certified testing where applicable.

THERMAL PERFORMANCE

- Uw: 0.14 – 0.21
- Ug: Ug = 0.09 BTU/ft²·hr·°F
- Ψ (Psi Values): ~0.037–0.039 (Swisspacer - Advanced)

SOLAR & LIGHT

- SHGC: 37%
- VT: 56%

AIR & ACOUSTIC

- Air Infiltration: ≤ 0.10 cfm/ft²
- Rw: 32dB (Standard Configurations) / ~42 – 45 dB Achievable

Technical Drawings

Click Link For Timber Clad I LiftSlide Technical Drawings

Frame Details & Performance

Proportion

- Fixed units remain clean and minimal
- Operable units add depth where required for structure and hardware
- Profiles stay controlled — no excess, no bulk

Material Build

- Laminated timber core — stability and alignment
- Aluminum exterior — protection from weather exposure
- Multi-layer construction — structure, insulation, and durability working together

Threshold

StandardThreshold

Low Threshold

Flush (Zero) Threshold

Configurations

Corner To Corner

Pocketing

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

FROM THE ANVIL

ROCKY MOUNTAIN HARDWARE

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

Pros vs Cons

Warranty

Coverage You Can Count On

• 15 Years — Insulated Glass Units (seal failure / internal fogging)
• 20 Years — Frames & Structural Components
• 10 Years — Laminated Glass Integrity
• 5 Years — Hardware & Operating Components
• 10 Years — Factory Finishes (adhesion / manufacturing defects)

What's Covered

• Manufacturing defects in materials and workmanship under normal use
• Conditions that materially impair intended function or structural performance
• Factory-supplied and factory-applied components

What's Not Covered

• Installation, labor, freight, or site-related conditions
• Normal wear, maintenance, weathering, or adjustment
• Glass breakage, condensation, or inherent optical characteristics
• Damage arising from construction, environment, misuse, or surrounding building conditions

How It Works

• Covered issues are addressed in accordance with our Limited Warranty
• Replacement components only — labor, freight, and field costs excluded
• Coverage begins from delivery or shipment-based warranty commencement, not installation date

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.

www.pricklymountain.com