



SIBER

Siber Facade Group Inc.

**Simply
Better
Windows**

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SBLS-800 Lift and Slide Doors



Lift and Slide doors offer superior water and air tightness yet are easy to operate. Effortless, silent gliding and tangible multi-point locking, with excellent thermal and acoustic performance. LS800 seamlessly integrates with all Siber façade systems. Designed for high-rise installation, it features a reinforced interlock connection and an advanced water drainage system.

Conventional sliding patio doors use fixed rollers that move along a fixed rail at the bottom of the frame with very little clearance between the track and the sash, creating significant friction even on brand new doors. Over time as the wheels wear out and debris and corrosion accumulate on the track the door becomes harder and harder to move. Sliding door designs attempt to balance the need for air/water-tight seals with the need to minimize the friction of those seals while operating the door. Ultimately, sliding doors do not achieve either of these requirements well.

In contrast, Lift and Slide doors utilize high-performance bearing rollers that lift the sash above the track before sliding. Because the seals are not dragging along the track, the door can be operated literally with a push of a finger. When the door is in the closed position, the weight of the sash compresses the gaskets tight against the track for a near-perfect seal.

The clear advantages of the Lift and Slide system are improved air/water tightness, reduced wear and tear of seals due to friction, and increased maximum sash size (up to 400kg).



Features:

- Double or triple glazed up to 44mm
- Reinforced vertical interlock
- High volume drainage
- One-way air/water valves
- Dual thermal break frame design
- G-U Multi-Point lock hardware
- Multi-Track topology options

Technical Information

System Depth	158mm
Max Glass Panel Thickness	44mm
Max Operable Panel Weight	400kg
Surface Finishes	Anodized, Painted, Powder
Air Permeability	ASTM E283 +/- 75Pa A3
Watertightness	ASTM E547. +720Pa and higher
Structural	ASTM E330 A Project Specific
U-Value	From 0.26 BTU/h-ft ² -°F





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