


aluplast®



# MODERN WINDOWS

ALUPLAST PROFILE SYSTEMS



Effortless operation.  
Uninterrupted sightlines.  
Exceptional thermal performance.

## 85 MM LIFT & SLIDE PATIO DOOR

With U-values as low as 0.65 W/m<sup>2</sup>K, the aluplast Lift-and-Slide delivers exceptional thermal performance, effortless operation and uninterrupted sightlines.

The modular system is a breakthrough in this segment: One system allows for the fabrication of three different products with different thermal insulation properties. From basic requirements to passive-house suitable solutions.

Combined with a wide choice of finishes, including our highly innovative aluskin external aluminium cladding-option, it's engineered to deliver high-margin retail opportunities.

Regardless of the product you finally choose, it will always match the design of other aluplast systems - for a wonderful and harmonious appearance of your home.

The Lift-and-Slide patio door delivers exceptional energy performance as standard. Ultra-energy efficient specifications, combined with glazing units of up to 51mm, deliver even higher levels of performance and U-values as low as 0.65 W/m<sup>2</sup>K.

# 85 MM LIFT & SLIDE

- Light touch easy-operate lift-and-slide opening and closing mechanism
- Modular 85 mm system
- Thermally broken aluminium threshold
- Accommodates glazing units of up to 52mm
- U-values as low as 0.65 W/m<sup>2</sup>K - meeting Passive Haus standard equivalent
- Maximum width/height up to 6.5m X 2.8m and maximum sash weight of up to 300kg





## HOUSE WITHOUT BARRIERS? OF COURSE!

The 85 mm lift and slide door is a modern and safe solution, designed to eliminate ubiquitous barriers.

Low door threshold 48 mm high, which can be recessed from the room's side in all its height, meets the requirements for buildings without any architectural barriers and enables easy entry and exit.

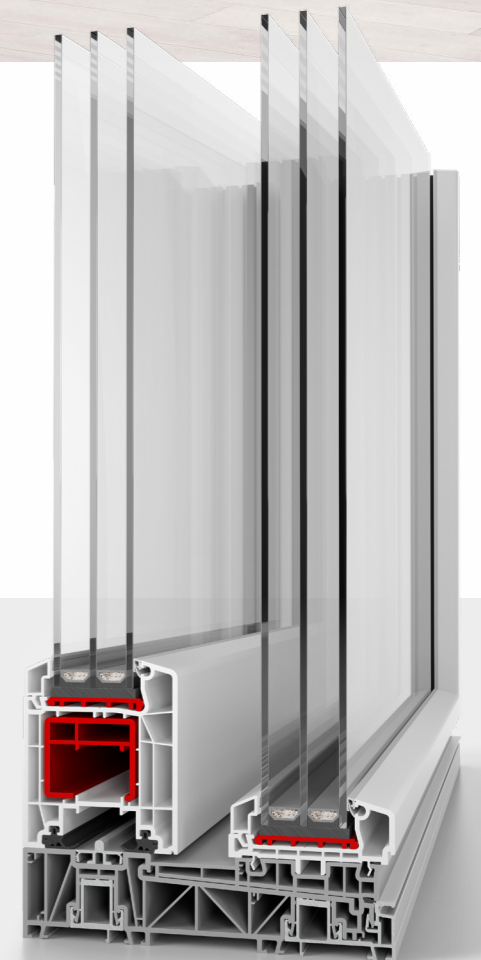
Thanks to this solution, it is also possible to level the threshold with the floor surface and thus completely eliminate architectural barriers.



## FIXFRAME. EVEN MORE LIGHT.

The latest system solution HST 85 mm Fixframe featuring a slim frame design in the fixed part of the door fulfills the idea of maximizing the share of glazed surfaces in the windows.

An extremely slim profile of the fixed frame allows even more light flowing into your living space - for higher quality of living and additional thermal benefits from solar energy.





## Proven easy-lift technology

The aluplast Lift-and-Slide exploits proven technology. Sashes are mounted on an easy-lift mechanism that elevates when opened and lowers on to the track when closed.

So, a fully closed door rests over lower weather seals improving the door's weather tightness, thermal and acoustic insulation. The moving sash can also be lowered on to any place on the track making for occasional ventilation.

## Connected spaces without the uprights

Capable of spanning openings of up to 6.5m X 2.8m with just two sashes, the aluplast Lift-and-Slide door delivers impressive design flexibility and uninterrupted sightlines. With light touch and effortless opening even at maximum sizes, it connects indoor and outdoor spaces year-round.

This makes the aluplast Lift-and-Slide system ideal for enclosing large spaces and guaranteeing light transfer - even on the gloomiest of days.

## Low stock holding and multiple finishes

The modular 85mm system has been developed to minimise stock holding, while maximising design flexibility, with a choice of options in addition to the standard PVC-U finish. This includes aluskin - our innovative aluminium external fascia system.

Also available on our contemporary SquareLine casement window system, the Ideal 4000, aluskin uses a simple click-and-fit system. Delivering enhanced thermal performance,

lowering manufacturing costs and creating an aluminium aesthetic, aluskin also supports entry into aluminium sectors.

With foils also available for ex-stock delivery within just days of orders, special foils in 15-days or less with no surcharge and no setting up charge, the Lift-and-Slide door from aluplast is engineered to maximise margin and support your growth.



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