SLIDING DOORS · SLIMLINE PATIO DOOR · STANDARD OR LIFT & SLIDE

AluNet ESS47 Hybrid

A slim, robust aluminium patio door with a 25mm interlock and single, double or triple track options. Choose standard sliding, or our lift & slide version, where the panel lifts off its seals to glide, then lowers to seal tight when closed.

25mm	2.5 × 2.7m	250kg
slim interlock	maximum panel size	maximum panel weight

Technical details

Interlock	25mm super-slim or 50mm non-bonded
Max sash size	2500mm wide × 2700mm high
Max sash weight	250kg per door leaf
Outer frame width	120mm double track · 183mm triple track
Sash profile	84mm × 47mm, 22mm thermal break
Tracks	Single, double or triple
Operation	Inline slider or lift & slide (2 systems in 1)
Glazing	20–34mm, double or triple · laminated glass and integral blinds available
Thermal break	Polyamide, 22–24mm
Seals	Rubber (EPDM) gaskets; lift & slide seals down onto them when closed
Drainage	Drainage channel in the bottom track
Thermal performance	U-value 1.4 W/m²K, DER C rating
Weather	Tested to BS 6375 Part 1:2009
Security	EN tested to European standards; anti-lift interlock cap and high-security multi-point lock
Colours	White RAL 9016, Anthracite Grey RAL 7016 or Black RAL 9005 as standard · Grey or Black out / White in dual colour · any RAL on request · Qualicoat powder coated
Hardware	Adjustable rollers, stainless steel running track · handles in black, stainless steel or polished chrome, other finishes available

Key benefits

- Slim 25mm interlock for clean sightlines, or a 50mm non-bonded option
- Panels up to 2.5m wide and 2.7m tall
- Single, double or triple track configurations
- Lift & slide option: panels lift to move, then drop onto rubber seals for a tighter weather seal
- Double or triple glazing up to 34mm
- Anti-lift, anti-rattle interlock cap with a spring-loaded draught excluder

Ideal for

Patio openings · Renovations · Exposed or windy sites (lift & slide) · Triple-track openings

We offer the ESS47 Hybrid as a standard slider or as lift & slide. Lift & slide is the better choice for heavier panels and exposed locations, as the sash seals down onto its gaskets when closed.

Features & options

Manufacturer data. Performance varies with size, glass and configuration, and is confirmed at survey.

Lift & slide
Turn the handle and the panel lifts off its seals so it glides with almost no effort. Close it and turn the handle back to lower it onto its gaskets.

Slim 25mm interlock
A narrow meeting section between panels keeps the view open.

Single, double or triple track
From a simple two-panel patio door to wide triple-track openings.

All-in-one interlock cap
Anti-lift, bumper, anti-rattle and a spring-loaded draught excluder in one part.

Built-in drainage
A drainage channel in the bottom track carries water away.

Triple glazing ready
Takes glazing units up to 34mm, double or triple.

Talk to us about your project: we work from drawings, measure every opening on site, and fit with our own team.

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