

The Ultimate Slimline Sliding Door



alumi-lite

About Us

At Alumi-lite we set our standards by listening to our clients.

We apply a high level of workmanship, expertise and professionalism to meet your expectations.

Whether you are a home owner, an Architect or Builder – we can work with you at any stage of the design process, from conceptual designs through to installation.

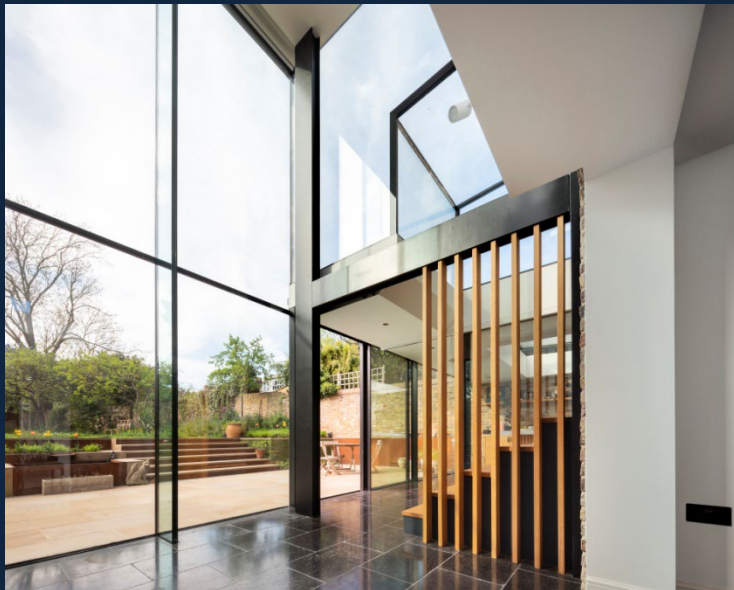
The Alumi-lite Approach

Our unique approach, attention to detail and quality of service have earned us a reputation for excellence. We are continually pushing the boundaries of architectural glazing, ensuring we make the very most of your property.

At Alumi-lite we are committed to improving the environmental, social and economic impact on the world in which we operate by manufacturing our doors here in the UK.

The System Range

All of the products are designed, extruded and manufactured within the UK



Slimline Sliding Doors

The Alumi-lite Slimline Sliding Doors are the ideal solution for projects requiring wide spans with minimal aluminium sight lines.

The minimalist frame, and custom design will transform your home giving you an entirely uninterrupted view.

These beautiful Slimline Sliding Doors are a great addition to any property to maximize light whilst having a modern sleek frame. These doors are capable of weights of up to 600kgs.

The versatility of this product allows for considerable design freedom as they can be built in multi-sash combinations to suit your individual needs.



Slimline Features

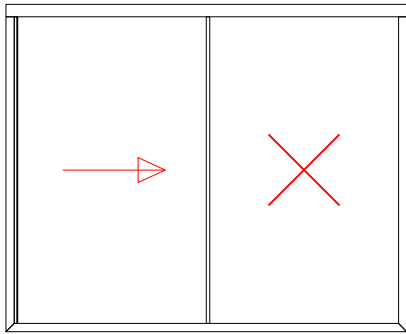
Alumi-lite Sliding Doors are virtually frameless

- A 24mm interlocker and concealed outer frame
- Fully thermally broken technology provides exceptional insulation
- Sleek design with modern handles and locks galvanise the stylish design
- Fixed and sliding panels custom built

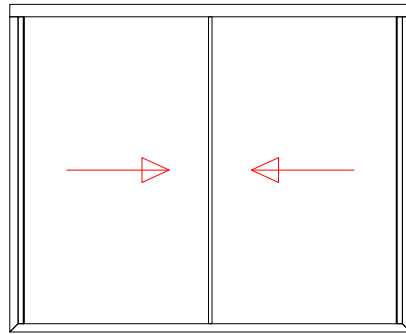
Our in-house manufacturing facility gives us full control of every element of the supply chain, ensuring we can be 100% confident with the quality of our products and ensuring we meet your delivery timelines.



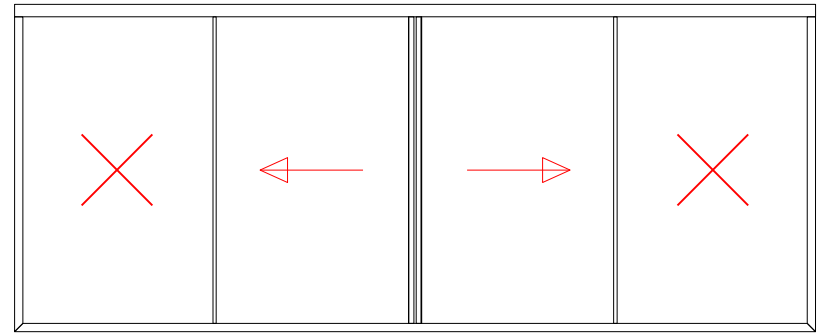
Double track configurations



Type A – one sliding and one fixed

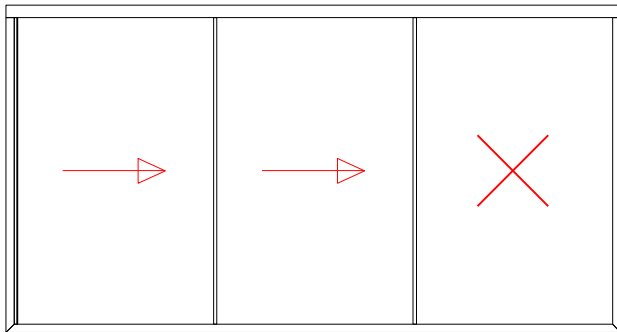


Type A – all sliding

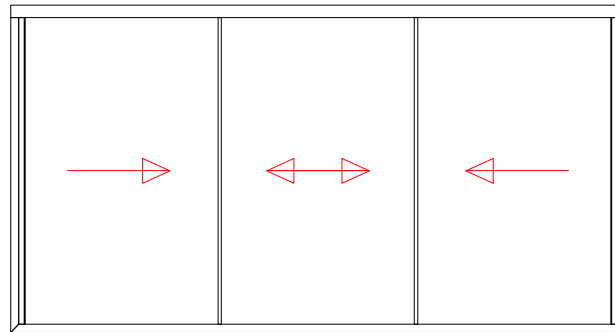


Type B – bi-parting with fixed sides

Triple track configurations

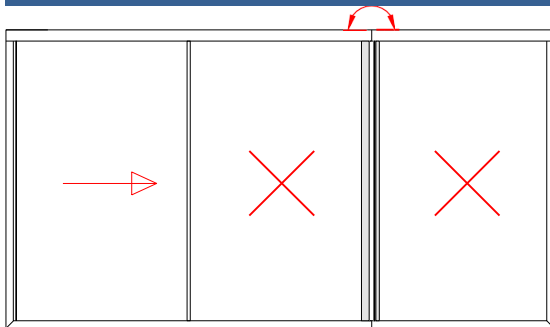


Type C – two sliding and one fixed

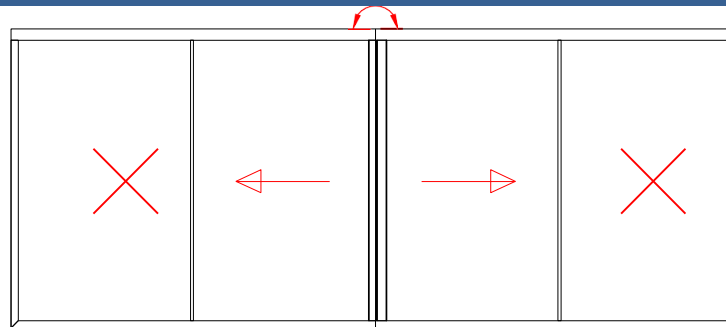


Type C – all sliding

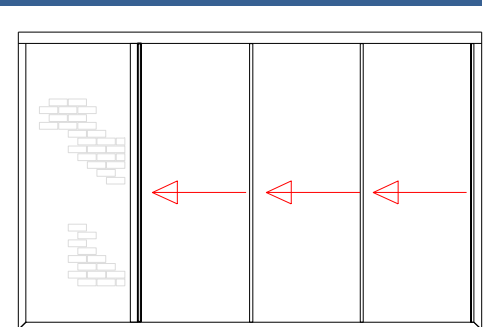
Additional configurations



Type D – fixed corner

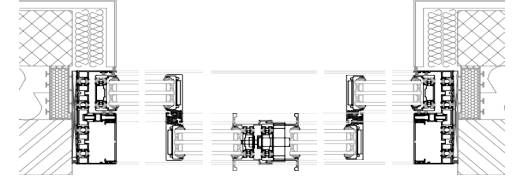
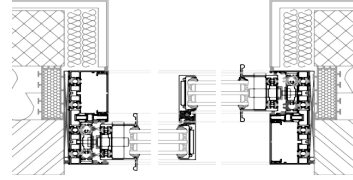
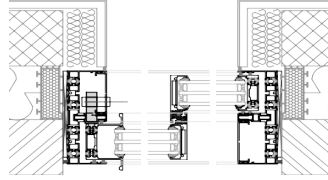
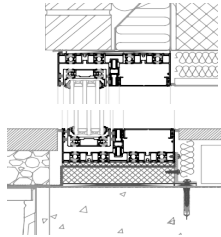
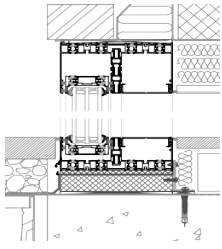


Type E – opening corner



Type E – pocket door

Section details – Double track



Type A – vertical section with deep head profile can be fully concealed

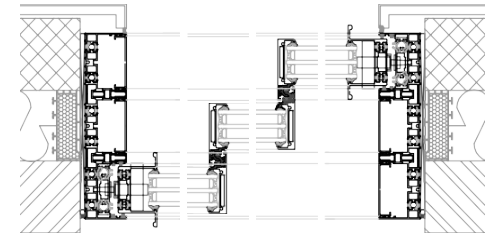
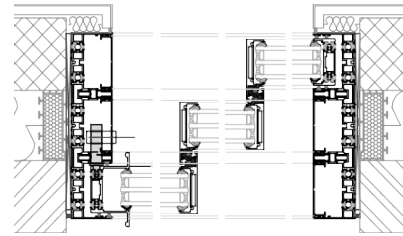
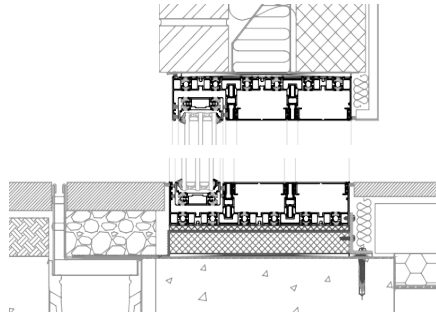
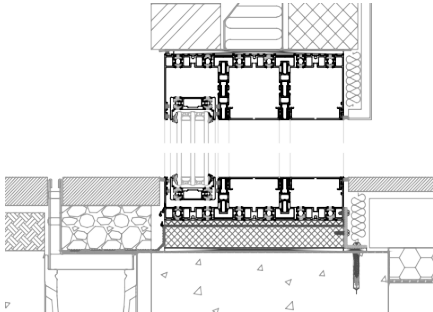
Type A – vertical section with shallow head profile head section has to be exposed

Type A – horizontal section with one fixed

Type A – horizontal section with all sliding

Type B – horizontal section with bi-parting profile

Section details – Triple track



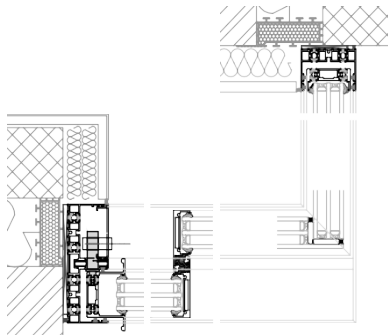
Type C – vertical section with deep head profile can be fully concealed

Type C – vertical section with shallow head profile head section has to be exposed

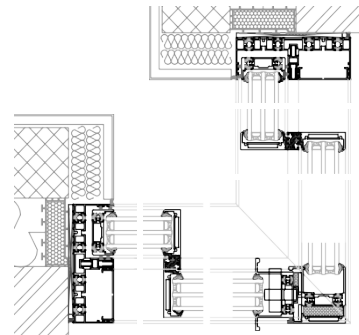
Type C – horizontal section with one fixed

Type C – horizontal section with all sliding

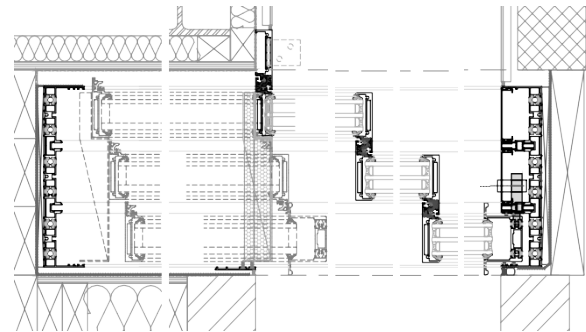
Section details – additional configurations



Type D – horizontal section with fixed corner



Type E - horizontal section with opening corner



Type F – horizontal section with pocket doors

Energy											
Thermal Insulation ⁽¹⁾ EN ISO 10077-2	Uf-value down to 1.03 W/m ² K, depending on the frame/vent combination										
Comfort											
Air tightness, max. test pressure ⁽²⁾ EN 1026; EN 12207	1		2			3			4		
	(150 Pa)		(300 Pa)			(600 Pa)			(600 Pa)		
Water tightness ⁽³⁾ EN 1027; EN 12208	1A	2A	3A	4A	5A	6A	7A	8A	9A	E750	
	(0 Pa)	(50 Pa)	(100 Pa)	(150 Pa)	(200 Pa)	(250 Pa)	(300 Pa)	(450 Pa)	(600 Pa)	(900 Pa)	
Wind load resistance to frontal deflection EN 12211; EN 12210	1		2	3		4		5		Exxx	
	(400 Pa)		(800 Pa)	(1200 Pa)		(1600 Pa)		(2000 Pa)		(>2000 Pa)	
Wind load resistance to frontal deflection EN 12211; EN 12210	A			B				C			

This table shows classes and values of performances, which can be achieved for specific configurations and opening types.

(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

(2) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(3) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

(4) The wind load resistance is a measure of the profile's structural strength, tested by applying increasing levels of air pressure to simulate the wind force.

(5) The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools.

Performance

The Ultimate Slimline Sliding Door also offers exceptional levels of thermal insulation, weather resistance and security.

- Choice of double or triple glazing
- U values as low as 0.96 W/m²K (for a door that is 5.0 x 3.0m with Ug 0.6 W/m²K and Psi of 0.07)
- Multi-point concealed claw locking to PAS24 standards
- Air tightness up to class 4 (600 Pa)
- Water tightness up to class 7a (300 Pa)

Variants		Double Track / Triple Track
Outer frame height	Head profile	61 mm / 93 mm
	Sides + base	61 mm
Vent profiles	Interlocker	24 mm
	Meeting section bi-parting	98 mm
Overall frame depth	Outer frame	2-Track: 173 mm 3-Track: 264 mm
	Vent	66 mm
Maximum panel sizes	Panel height	6000 mm
	Panel width	6000 mm
Maximum panel weight	Manual vent	600 kg
	Fixed glass pane	1200 kg
Glass thickness		36 mm – 50 mm
Glazing method		Structurally bonded
Thermal insulation		Multi-chamber, thermally broken profiles
Handle option		Fully integrated push handle
Available options		Soft close
		External key access

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