

Best of both worlds - high insulated speed door

Alpha sets itself ambitious targets in the areas of insulation, noise and pricing. Our research & development department has succeeded in developing an unprecedentedly fast sectional door that also offers exceptional insulation performance: the Alpha Helix. Specially designed rollers keep noise to a minimum. This patented system also contributes to the sleek design of the Alpha Helix.

Fast all – in - one exterior door

Traditionally, two doors are often mounted in frequently used exterior openings; an insulated door for use at night and a high speed door that is used during the day. The new Alpha Helix / S600 combines the best of both worlds in a single product. An investment that pays for itself in next to no time!

The S600 has the identical drive system as the Helix Spiral door but has a standard track system. This door opens 6x faster as a similar sectional door but can be installed into a headroom of only 600 mm. The Helix and S600 have a standard section height of 366 mm. If you have insufficient back room for the S600 you have the solution of the Helix with a faster speed!

Energy-saving

The door leaf has a thickness of 40 mm and a U-value of 1.5 W/m²K (ISO panels / door leaf 5000 mm x 5000 mm). Additionally where requested we can provide high quality full width ALU vision sections.

Helix



S600



New

Panel surface finishes and colours



The door is offered in a micro line finish standard colour RAL 9002 or RAL 9006. Optionally the door can be painted in any (approximation of a) RAL colour.

Configuration doorleaf

The doorleaf for Helix and S600 are configured as mentioned in the overview below.

The bottom section of the ALU doorleaf will always be an ISO section.

	ALU		ISO	
	Min	Max	Min	Max
Bottom section	-	-	366 mm	610 mm
Intermediate section	250 mm	366 mm	366 mm	366 mm
Top section	275 mm	366 mm	250 mm	366 mm

The Alpha Helix is a high speed exterior door that offers good insulation and burglar resistance.

Specifications	Helix
max surface area	25 m ² (350 kg)
max with	5000 mm
max height	5000 mm
opening speed	1.1 m/s
closing speed	0.5 m/s
Panel thickness	40 mm
ALU sections possible	yes
U-value at 5000 x 5000 mm	1.5 W/m ² K (complete ISO)

Product Benefits

- class 3 wind resistance
- high insulation value
- high opening speed > 1.1 m/s
- no springs

The Alpha S600 is a high speed exterior door that offers good insulation and burglar resistance.

Specifications	S600
max surface area	25 m ² (350 kg)
max with	5000 mm
max height	5000 mm
opening speed	1.1 m/s
closing speed	0.5 m/s
Panel thickness	40 mm
ALU sections possible	yes
U-value at 5000 x 5000 mm	1.5 W/m ² K (complete ISO)

Product Benefits

- class 3 wind resistance
- high insulation value
- high opening speed > 1.1 m/s
- no springs