



Luminia

# SC156 Lift and Slide Door

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**ALUK**<sup>®</sup>

# SC156 Lift and Slide Door



A premium sliding door with slim sightlines, available in a variety of sliding configurations using single and double track systems. The Luminia SC156 offers high levels of performance, from thermal U-values of 1.0W/m<sup>2</sup>K (triple-glazed), to superior water tightness on the market (1500 Pa) and with panel weights of up to 400Kg. Smooth operation is guaranteed through the use of the highest quality fittings.

## DESIGN FEATURES

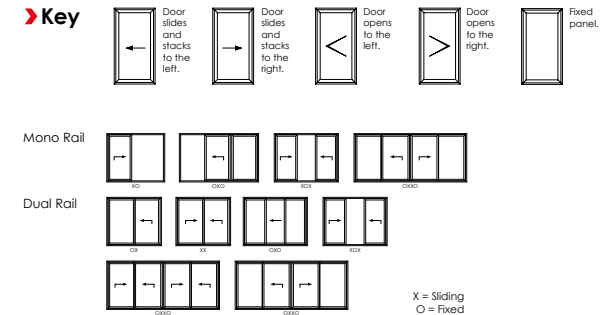
- PAS 24 Accredited
- Exceptional AWW ratings
- Low threshold of 23mm
- Max 400kg panel weight



## OPTIONS

- Slimmer sightline of 50mm available
- Accepts 24mm – 50mm double or triple glazing
- Multiple sliding configurations
- Mono or Dual rail options
- Range of hardware and security features
- Available in a range of single and dual colours and anodised finishes

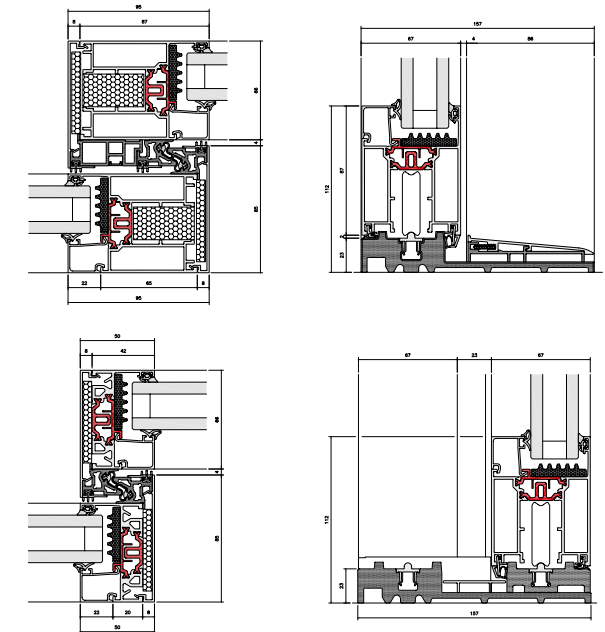
## SC156 (LIFT & SLIDE) CONFIGURATIONS



## SPECIFICATIONS

	SC156	SC156SLIM
<b>Performance and accreditation</b>		
U-value (Double Glazing)* (Ug = 1.0W/m <sup>2</sup> K) (Mono Rail)	1.4 W/m <sup>2</sup> K	1.4 W/m <sup>2</sup> K
U-value (Triple Glazing)* (Ug = 0.6W/m <sup>2</sup> K) (Mono Rail)	1.0 W/m <sup>2</sup> K	1.0 W/m <sup>2</sup> K
U-value (Double Glazing)* (Ug = 1.0W/m <sup>2</sup> K) (Dual Rail)	1.5 W/m <sup>2</sup> K	1.6 W/m <sup>2</sup> K
U-value (Triple Glazing)* (Ug = 0.6W/m <sup>2</sup> K) (Dual Rail)	1.2 W/m <sup>2</sup> K	1.3 W/m <sup>2</sup> K
Acoustic Performance (dB)	Rw(Ct;Ctr) = 44 (-2;-6) dB	Rw(Ct;Ctr) = 44 (-2;-6) dB
Air Tightness (Pa)**	Class 4 (600 Pa)	Class 4 (600 Pa)
Water Tightness (Pa)**	Class E1 500 (1500Pa)	Class E1 500 (1500Pa)
Wind load (Pa)**	C4 (1600 Pa)	C4 (1600 Pa)
Security	PAS 24	PAS 24
<b>Configuration &amp; frame</b>		
Opening	Lift and Slide	Lift and Slide
Mono rail (156mm)	✓	✓
Dual rail (156mm)	✓	✓
<b>Size limits</b>		
Max vent weight***	400kg	400kg
Max frame height****	3100mm	3100mm
<b>System features</b>		
Sightlines	95mm	50mm
Dual Colour Option	✓	✓
Multi-point locking	✓	✓
Glazing options	Internal	Internal
Glazing thickness	24mm – 50mm	24mm – 50mm
Threshold	23mm	23mm

## CAD CROSS SECTIONS



\*U-values based on CEN size door (2500mm x 2180mm).

\*\*All weather test data taken from BS EN 6375-1 based upon highest performing door configuration.

\*\*\*Based on using heavy duty accessories.

\*\*\*\*Dependent on wind load and lock variation.

Note: npd = No performance declared, image used for illustration purpose only

Please visit [www.aluk.co.uk](http://www.aluk.co.uk) to download all BIM components and CAD files.

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