

S141

Outstanding performance and wide glazing

The AluK S141 lift & slide system combines minimalist design with exceptional performance in thermal and acoustic insulation, water tightness, air permeability, and wind resistance. This is achieved through a reduced visible frame – up to 20% less – including a slim 44 mm central interlock. The result is a significant increase in the glazed surface, up to 10–15% more, flooding interiors with natural light and offering unobstructed panoramic views of the surrounding environment.*

FEATURES

- › Outstanding air, water, and wind resistance (AAV)
- › Threshold height of just 25 mm
- › Maximum roller load of 270 kg (up to 400 kg with additional rollers)

OPTIONS

- › Slim 50 mm central interlock
- › Double/triple glazing from 28 mm to 48 mm
- › Various opening configurations
- › Two or three tracks



*Compared to a frame made with the SC156 system.

SPECIFICATIONS

PERFORMANCES AND CERTIFICATIONS

	S141
U_w (Double glazing $U_g = 1.0 \text{ W/m}^2\text{K}$)	$1.29 \text{ W/m}^2\text{K}$
U_w (Triple glazing $U_g = 0.5 \text{ W/m}^2\text{K}$)	$0.87 \text{ W/m}^2\text{K}$
Air permeability	Class 4 (600 Pa)
Water tightness	Class E_{900} (900 Pa)
Wind resistance	C4 (H/300 a 1600 Pa)

CONFIGURATIONS

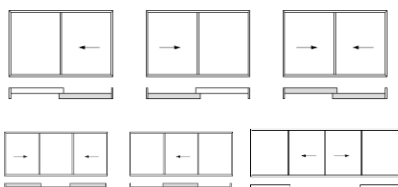
Opening	Lift-and-Slide and Sliding
Number of tracks	1, 2 or 3
Inline	Inline
Corner solution	Fixed glazing
Glazing insertion	Glazing bead

MAXIMUM DIMENSIONS AND LOAD CAPACITIES

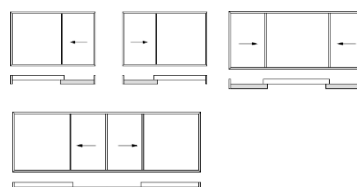
Outer frame depth	141 mm
Sightline (Interlock)	50 mm
Glass thickness	5 - 47 mm
Maximum height	3175 mm
Maximum sash width	3500 mm
Roller load capacity	400 kg

CONFIGURATIONS

Duorail



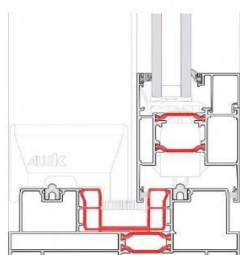
Monorail



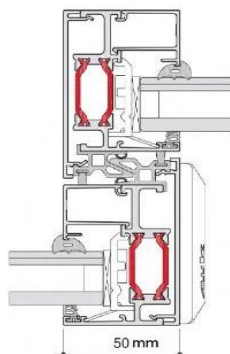
SECTIONS AND DETAILS

Further details are available upon request

› BOTTOM JOINT



› INTERLOCK



› REDUCED THRESHOLD

