



ALTITUDE ALUMINIUM

world leading aluminium windows and doors



ASS 70 HI

The highly thermally insulated aluminium lift-and-slide system Schüco ASS 70.HI with its perfect watertightness, excellent sound reduction and burglar resistance up to WK2 is second to none. U_d values $< 1.3 \text{ W/m}^2\text{K}$ are possible due to the new modular profile insulation. With large opening widths and easy operation, Schüco ASS 70.HI offers new system solutions for large projects and luxury homes.

ASS 70 HI



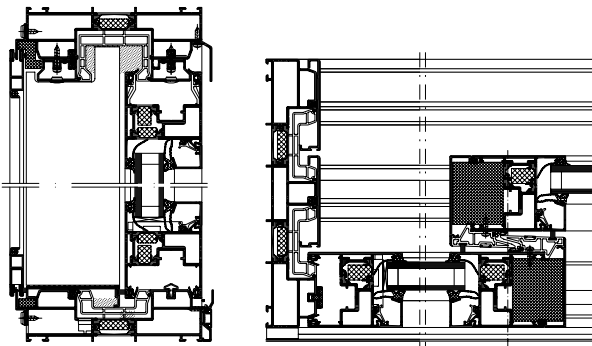
Product features and benefits

- Lift-and-slide system with narrow profile face widths
- Basic depth of vent profile of 70 mm
- Basic depth of outer frame profile from 160 mm
- Wide range of designs based on single, double and triple track outer frames
- Wide choice of colours - different colours inside and outside
- Greater flexibility for project work due to the option for the customer to roll the profiles together
- Modular profile insulation
- Glass thickness up to 52 mm
- Watertightness up to class E 750 in accordance with DIN EN 12208 (depending on the design)
- Sound insulation in accordance with DIN EN ISO 140-03 and DIN EN ISO 717-1, $R_w \leq 44$ dB

Technical data

Test	Value
Thermal insulation	U_f from 2,16 W/(m ² K) $U_w < 1,3$ W/m ² K ($U_g = 0,7$ W/m ² K, $\psi = 0,05$ W/mK)
Basic depth	Basic depth of vent profile 70 mm
Vent size (WxH)	Vent sizes up to 9 m ² *
Vent weight	400 kg*
Security class	WK2 in accordance with DIN E ENV 1627*

*depending on the design



Altitude Aluminium offer a wide range of Aluminium products for todays Grand Design Projects including:

Aluminium Windows • Sliding Doors • Folding/Bifolding Doors • Curtain Walling
Balconies • Balustrades • Structural Glazing • Rooflights

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