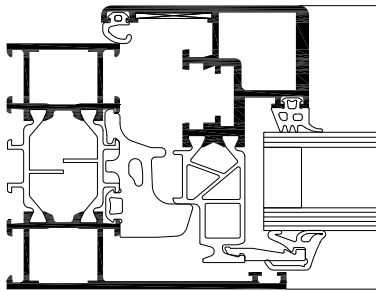


WICLINE 65 evo/ WICLINE 75 evo Concealed sash



The option "Concealed Sash" in the aluminium window system WICLINE evo features a special glazing bead fixed directly in the thermal break zone. As a result the system achieves an extremely slim frame elevation, superior thermal insulation values and a groove-free profile design from outside. The improved ratio between frame and glazing surfaces leads to very good U_w -values, increased light transmissions and panoramic views.



System test results / CE product pass in accordance with DIN EN 14351-1:2006+A1:2010

Air permeability:	Class 4
Watertightness:	E1200
Resistance to wind load:	Class C5 / B5
Operating forces:	Class 1
Load bearing capacity of safety devices:	Fulfilled
Mechanical strength:	Class 4
Repeated opening / closing:	Class 2 (10,000 cycles)
Impact resistance:	Class 3
Burglar resistance:	RC1N, RC2N, RC2, RC3
Quality assurance:	Certified according to ISO 9001:2008



Technical performance:

Profile technology:

- High insulation multi-chamber system in symmetric design, quality assured thermal insulator connection
- Patented corner and butt joint connection technology for high rigidity of frames and sashes
- Infill thickness up to 42 mm
- Optionally with integration frame for stick curtain walls

Thermal insulation:

- U_f values: until 1.5 W/(m²K)
- U_w values: until 0.94 W/(m²K) with triple glazing

Sealing concept:

- Voluminous centre gasket with three installation methods
 - Circumferential centre gasket, avoiding joints in the corner areas
 - Formed corners, avoiding adhesive in the joints
 - Corner vulcanised frames

Fittings:

- Heavy duty system fittings, with concealed hinges, integrated end position damping, opening angle max. 105°
- Sash weight:
 - Concealed fittings: up to 130 kg
- Sash sizes (w x h): 1300 mm x 2250 mm
- Optionally with opening limiter in various executions

Additional designs in concealed sash design:

- Integration frame for stick façades
- Fanlight
- Burglar resistance (see system tests)