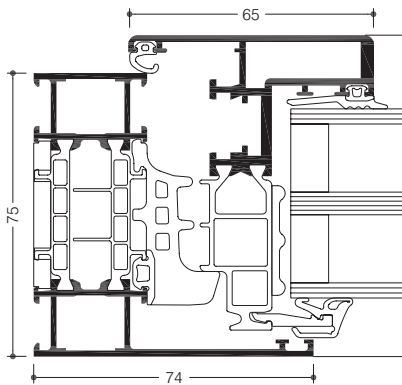


» WICLINE 75 TOP Concealed sash

In the concealed sash variant of the WICLINE 75 TOP aluminium window system the glass is held directly in the thermal break zone by a special glazing bead. This gives extremely slim frame profiles which also have excellent insulation values and joint-free external frame sight lines. The improved ratio of frame to glazing proportions enable U_w values to passive house standard, and increased light transmission with panoramic views.



System tests / CE-marked product passport according to DIN EN 14351-1:2006+A1:2010

Air permeability:	Class 4
Watertightness:	E900
Resistance to wind load:	Class C5/B5
Acoustic performance:	$R_w (C;C_{tr}) = 46 (-1;-4)$ dB
Operating forces:	Class 1
Load capacity of safety precautions:	Fulfilled
Mechanical strength:	Class 4
Continuous operation:	Class 3 (20 000 cycles)
Corrosion resistance of fittings:	Class 5
Burglar resistance:	RC1N, RC2N, RC2, RC3
Quality management:	Certified to DIN EN ISO 9001:2008



Technical capabilities:

Profile technology:

- Highly thermally insulated multi-chamber system with ETC Intelligence® thermal break zone, which implements window designs with only 75 mm frame depth to passive house standard.
- Patented corner and butt joint technology for high rigidity of components
- Infill thicknesses up to 50 mm

Thermal insulation:

- U_f values 0.97 to 1.3 W/(m²K) for fixed glazed units with external sight lines from 48 to 155 mm
- U_f values up to 1.2 W/(m²K) for sash-frame combinations with external sight lines from 74 to 142 mm
- U_w values less than 0.80 W/(m²K)

Sealing concept:

- Large-volume central seal in three variants:
 - Linear seal without corner joints
 - With formed corners, no adhesive processing of butts
 - Corner vulcanised frames

Hardware:

- Concealed single-handed operated fittings, optionally with:
 - surface mounted hinges, coated or anodised in all colours
 - concealed hinges with integrated end position damping, opening angle max. 105°
- Sash weights:
 - concealed hinges: up to 130 kg
 - Visible hinges: up to 130 kg
- Sash sizes (w x h): up to 1300 mm x 2250 mm
- Optionally with opening limiter

System combinations:

- WICLINE 75 TOP windows can be combined with WICLINE 75 evo windows, and using integration sash-frames, with current WICTEC curtain walling