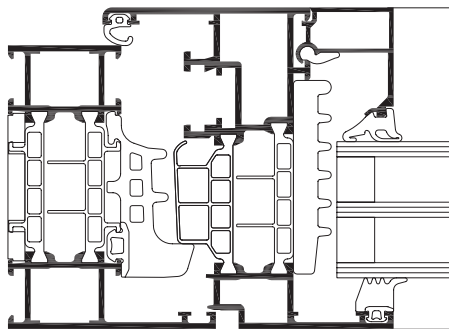


WICLINE 75 TOP

Turn / Turn-tilt / Tilt /
Tilt-first / Casement windows /
Skylights



WICLINE 75 TOP is a highly thermally insulating window system with optimal performance, reliable fabrication and performance figures at passive house levels – combined with the familiar slimline appearance of a 75 mm window system.



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:	$R_w (C; C_w) = 47 (-1; -4)$ dB
Operating forces:	Class 1
Load capacity of safety precautions:	Passed
Mechanical strength	Class 4
Continuous operation:	Class 3 (20,000 cycles).
Corrosion resistance of fittings:	Class 5
Burglar resistance:	RC1N, RC2N, RC2, RC3
Bullet resistance:	FB4 S, FB4 NS (depending on profile combinations)
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 standards.
- Patented corner and butt joint technology for high rigidity of components
- Infill thicknesses up to 65 mm

Thermal insulation:

- U_f values 0.79 to 1.3 W/(m²K) for fixed glazed units with external sight lines from 48 to 155 mm
- U_f values 1.0 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 gasket insertion without corner butts
 - With formed corners, no sealing of joints
 - Corner vulcanised frames

Fittings:

- Concealed single-handed operated fittings, optionally with:
 - face-fixed, coated or anodised in all colours
 - concealed hinges with integrated end position damping, opening angle max. 105°
- Sash weights:
 - concealed hinges: up to 160 kg
 - Visible hinges: up to 200 kg.
 - On request: up to 300 kg
- Sash formats (W x H): up to 1,700 mm x 2,500 mm, Skylights up to 2,500 mm x 1,700 mm
- Optionally with opening restrictor

Additional designs:

- Concealed sash, infill thicknesses up to 50 mm
- Integration frame for mullion/transom curtain walling
- Skylight with manual lever, crank handle or motor

System combinations:

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