



SLIDING SYSTEMS

TIGAL

PULL AND SLIDE WINDOW

Hybrid system with multi-point locking system around the perimeter and patented water-tightness system. The vent operates by moving inwards 6mm perpendicularly and then sliding parallel with the fixed pane.

TIGAL's benefits

- 150 mm deep frame module
- Large dimensions allowing for floor-to-ceiling frame heights up to H: 2.70m-L:4 m (1 leaf + fixed).
- Micro-ventilation system with locking in security position
- Its patented central sealing system guarantees exceptional water-tightness performance –up to 4 times better than a traditional sliding door.
- Compact design
- Low rail adapted to the accessibility of people with reduced mobility, height 15 mm
- Applications with or without thermal break

Low carbon footprint

- TIGAL is made from Hydro CIRCAL[®], recycled low carbon aluminium. That means it's high quality aluminium made with a minimum of 75% recycled end-of-life aluminium (post-consumer scrap). Hydro CIRCAL[®] has a carbon footprint of 2.3 kg of CO₂/kg of aluminium on average.



Meticulous design

- Concealed hardware
- In open position: all locking systems are black or covered with black ABS covers for a premium finish
- Available in visible or concealed opening version
- Concealed drainage on all applications

Thermal performances:

U_w up to: 0.85 W/m²K (U_g: 0.5 W/m²K)
triple glazing, concealed opening, T_{l,w} = 0.63, S_w = 0.51
1 leaf + fixed, L x H = 2.30 x 2.18

Air permeability: Class A4

Water tightness: E1200

Wind pressure resistance: Class 5

Air permeability in the micro-ventilation position: Class 1

Acoustic performance:

RA,tr: 40 dB sound attenuation,

double glazing 50 mm: 88.2 Si / 20 / 66.2 Si

Micro-ventilation position: RA,tr = 20 dB attenuation

Glass thickness: up to 52 mm

Handle torque effort: Class 1

Maximum glass load per sash: up to 300 kg

Identical overall performance in the standard version or in case of the low threshold for people with reduced mobility.

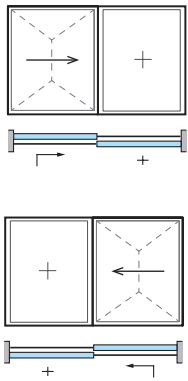


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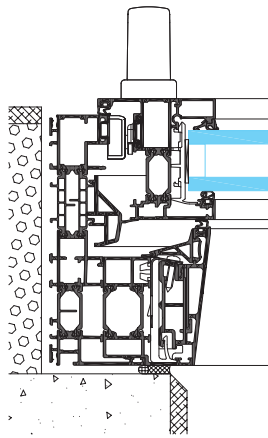
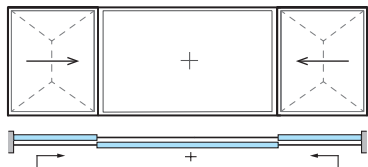
Applications

1 rail - inwards opening

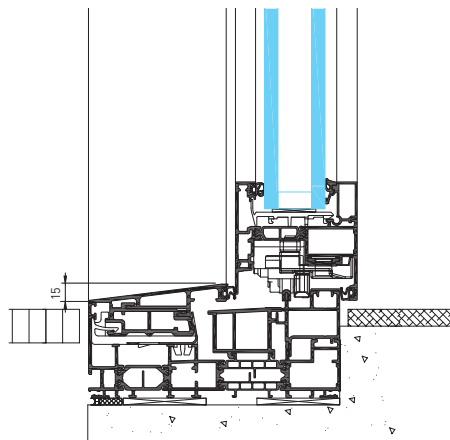
1 leaf + fixed



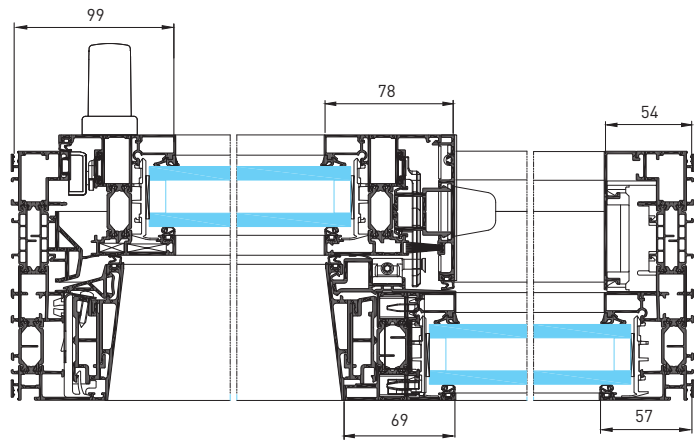
2 leafs + fixed



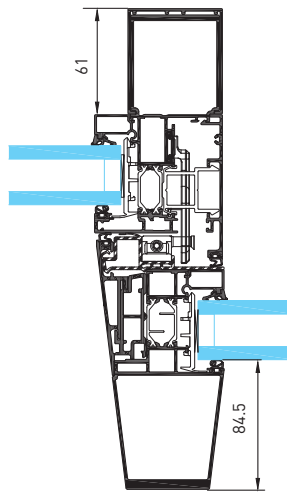
Horizontal section - concealed opening



Vertical section - leaf section, low threshold



Horizontal section - 1 leaf + fixed



Reinforced Interlock

Hydro Building Systems Belgium nv
Kortemarkstraat 52
8810 Lichtervelde, Belgium

www.sapabuildingsystem.com



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