

SLIDING SYSTEMS
TIGAL

↗ PULL AND SLIDE

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.

AESTHETICS AND MODULARITY

- Hybrid pull-slide system.
- 150 mm deep frame module.
- Its patented central sealing system guarantees exceptional wáter-tightness performance – up to 4 times better than a traditional sliding door.
- Concealed hardware.
- Concealed drainage.
- Visible or concealed opening.
- EXCLUSIVE® handle collection.
- EXCLUSIVE® colour palette.

LARGE DIMENSIONS

- Floor-to-ceiling heights possible up to (W x H) 4000 x 2700 mm (1 leaf + 1 fixed).
- Maximum glass load per leaf up to 300 kg.
- Maximum glazing thickness of 52 mm.

PERFORMANCES (according to EN standards)

Thermal performance: U_w up to: 0.85 W/m²K (U_g: 0.5 W/m²K) triple glazing, concealed opening, Tl_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
Handle torque effort: Class 1

APPLICATIONS

- 1 rail – Open-in.
- 1 leaf + fixed.
- 2 leaf + fixed.

SAFETY AND ACCESSIBILITY

- Micro-ventilation:
  - Offset of 6 mm from the opening .
  - Locking in securty position.
- Recessed threshold:
  - Disabled Access threshold of 15 mm high.
  - Maintained performances.

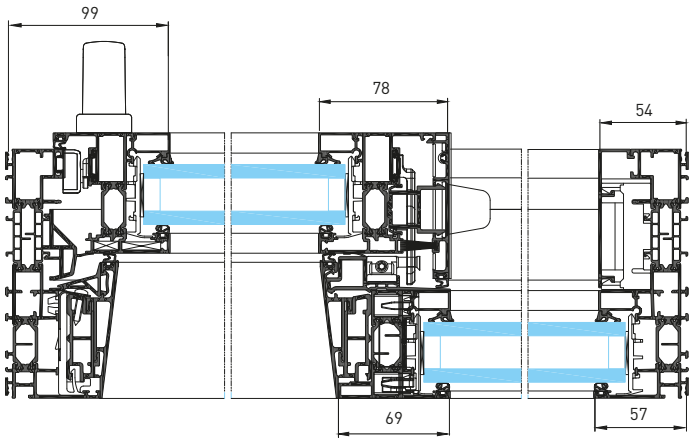
SUSTAINABLE CIRCULAR SLIDER

- TIGAL is made in Hydro CIRCAL®, aluminium made with a minimum of 75% recycled end-of-life aluminium. This aluminium has one of the lowest CO_2 footprints worldwide:
  1.9 kg of CO_2/kg aluminium.
- PVC-free components.
- Cradle to Cradle®: under certification.
- Dynamic EPD available on TechDesign.
- 75% recycled and 95% recyclable.
- CO_2 footprint: 62.8 kg CO_2 eq. / m²
  - double glazing
  - dimensions (LxH) 3600 mm x 2500 mm
  - surface: 9 m²
  - transparent area: 7.89 m²

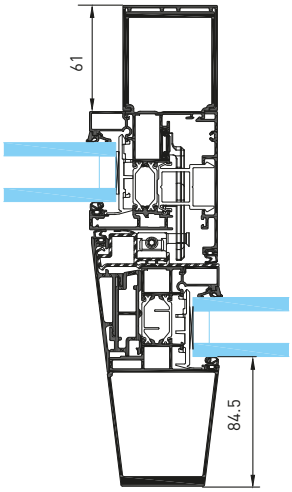
TECHNAL®

By Hydro

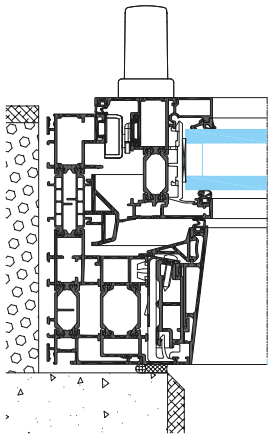
APPLICATIONS



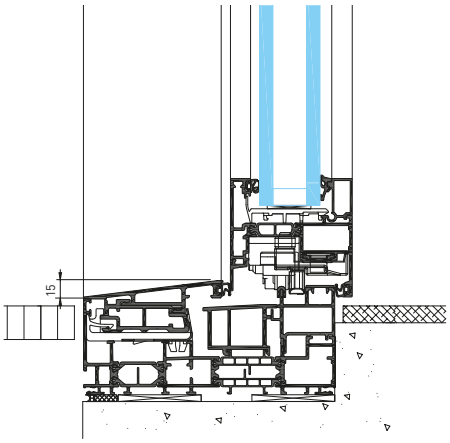
Horizontal section - 1 leaf + fixed



Reinforced interlock



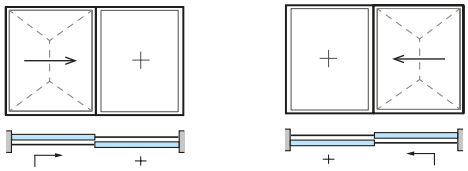
Horizontal section - concealed opening



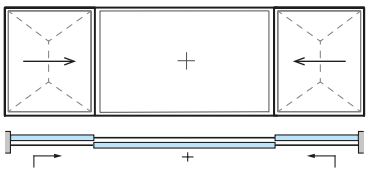
Vertical section - leaf section, low threshold

1 RAIL - INWARDS OPENING

1 leaf + fixed



2 leaves + fixed



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