

DOOR
TITANE 65

↗ THE HIGH RESISTANCE DOOR

TITANE 65, a robust door designed for seamless integration and versatile application in a wide range of projects.

AESTHETICS AND MODULARITY

- Reduced and homogeneous visible mass.
- Slender and robust caracter of the door induced by the fineness of the mullions and the mass of the transoms.
- Version anti-pinch finger adapted to public places (schools, universities...)
- Door on integrated pivot.
- Completely flush design:
  - Concealed hinges
  - Integrated door closer
  - Built-in Surface-mounted magnetic holder.
- EXCLUSIVE® handle collection.
- EXCLUSIVE® colour palette.

LARGE DIMENSIONS

- Large dimensions: up to 3 m in height and 1.4 m in width for a 1-leaf door.
- Maximum glass load per leaf up to 250 kg.
- Maximum glazing thickness of 52 mm.

PERFORMANCES (according to EN standards)

Thermal performance: U_w up to 0.95 W/m²K double glazing(WxH) 4500x2700 mm - with U_g = 1.0 W/m²K U_w = 0.95 W/m².K, T_{Lw} = 0.54, S_w = 0.41 (door 1-leaf, triple glazing with U_g = 0.5, without floor)
Air permeability: up to Class 4
Water tightness: up to Class 7b
Wind pressure resistance: up to Class C5
Burglary resistance: RC2, RC3
Endurance test for heavy traffic: up to 1.000.000 cycles
Acoustic performance: R_w up to 39 dB

SAFETY & ACCESSIBILITY

- No-threshold installation to facilitate acces for peopole with reduced mobility.
- Protection against ordinary vandalism with all integrated components.
- Technical panel for integration of access controls.

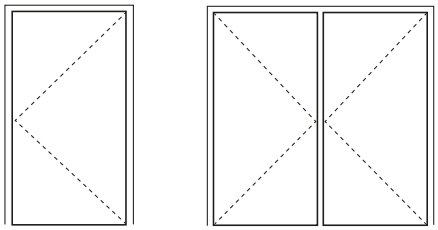
SUSTAINABLE CIRCULAR DOOR

- TITANE 65 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.
- Dynamic EPD available on TechDesign.
- 75% recycled and 95% recyclable.

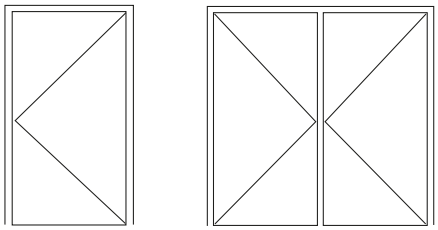
TECHNAL®

By Hydro

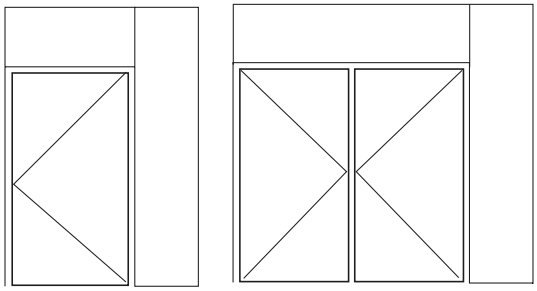
APPLICATIONS



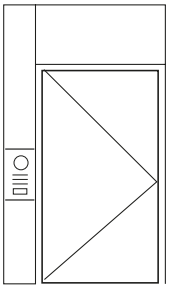
1 leaf - 2 leaves inward opening



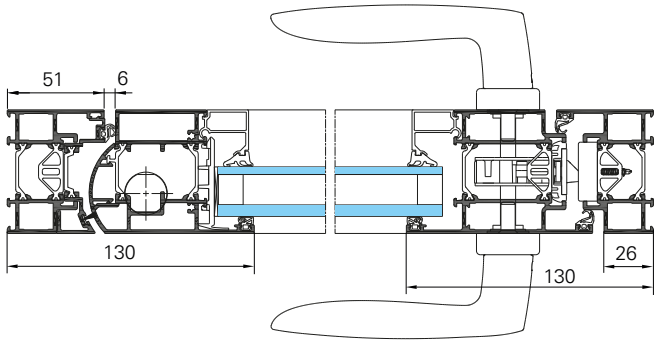
1 leaf - 2 leaves outward opening



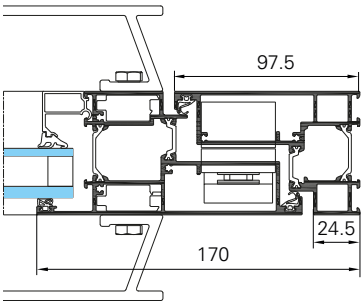
Composition with fixed laterals or upper



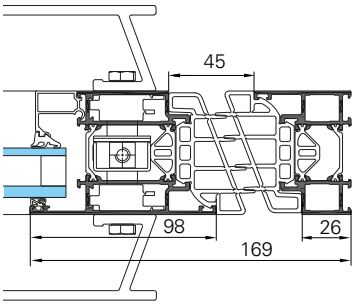
Technical mullion integration



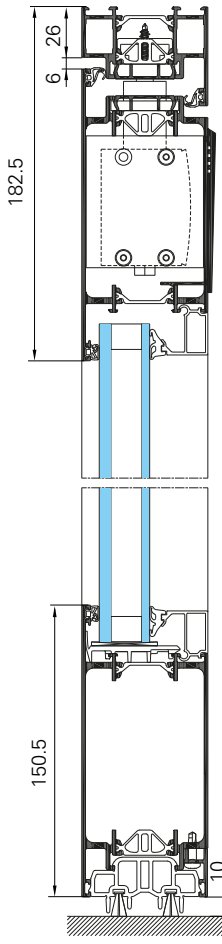
Horizontal section, 1 leaf door, outer opening



Horizontal section, 1 leaf door, outer opening with magnetic lock



Horizontal section, 1 leaf door, outer openin, anti-finger trap protection (level 2)



Vertical section, flat threshold

XXXX.XXX - May 2025 - Document non contractuel

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TECHNAL®

By Hydro