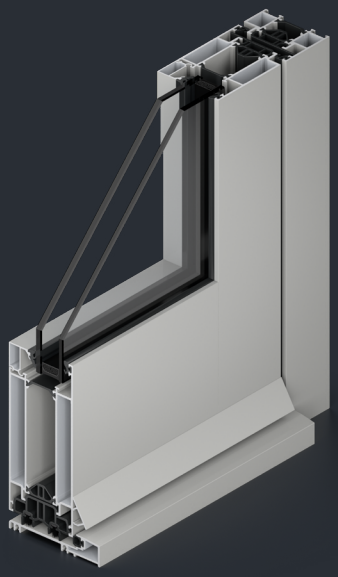


Fireman access threshold

DOOR
SOLEAL NEXT 65

↗ THE UNIVERSAL DOOR

SOLEAL Next is an aesthetic and modular system with excellent safety features. High performance levels for thermal, weather tightness, acoustic and sustainability comply with most international standards. SOLEAL Next offers a variety of applications to meet the needs of all types of building projects.

AESTHETICS AND MODULARITY

- Concealed hinges
- EXCLUSIVE® handle collection
- EXCLUSIVE® colour palette

LARGE DIMENSIONS

- Modules: 65 mm
- Height: up to 3,5 meters
- Glazing thickness: up to 50 mm
- Infill weight: up to 200 kg

APPLICATIONS

- Multiple opening options:
  - Open-in and open-out, 1-leaf or 2-leaves
  - Single action, with or without fixed field
  - Double action, with or without fixed field
  - Push-pull
  - Simultaneous door
  - Automatic sliding door
- Facade integration
- Compatible with TENTAL facade, and SOLEAL Next window ranges

SAFETY & ACCESSIBILITY

- Finger protection
- Burglary resistance
- Escape door
- Anti-bacterial nano-coating on handles
- Low threshold
- Mechatronics insertion (technical mullion)

SUSTAINABLE CIRCULAR DOOR

- SOLEAL Next is made in Hydro CIRCAL®, aluminium made with a minimum of 75% recycled end-of-life aluminium.
- PVC-free components
- Cradle to Cradle®: under certification
- Dynamic EPD available on TechDesign
- 75% recycled and 95% recyclable
- CO_2 footprint: 58.8 kg CO_2 eq. / m^2
  - double glazing
  - dimensions (LxH) 1223 mm x 2180 mm
  - surface: 2.68 m^2
  - transparent area: 1.88 m^2

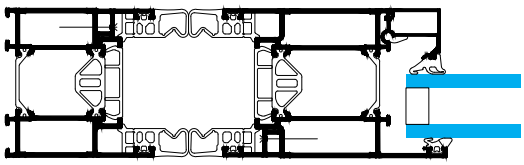
PERFORMANCES (according to EN standards)

Thermal performance: U_d up to 1.0 W/m^2K 1-leaf open in, low threshold, triple glazing 48 mm, (WxH) 1500x2640 mm - with U_g = 0.5
Air permeability: up to Class 4
Water tightness: up to Class 7A
Wind pressure resistance: up to Class C4
Burglary resistance: RC2, RC3
Endurance test for heavy traffic: up to 2.000.000 cycles
Acoustic performance: Rw up to 43 dB

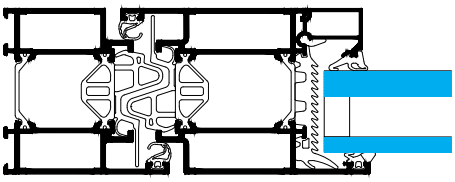
TECHNAL®

By Hydro

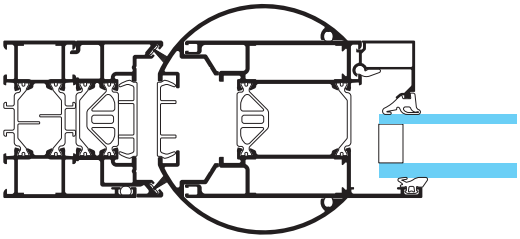
APPLICATIONS



Finger safety on the hinge side



Burglary resistant

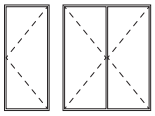


Finger safety on the pivot side

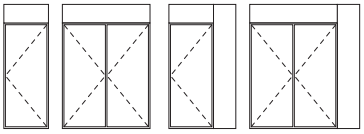


Escape door

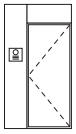
OPEN-IN SINGLE ACTION



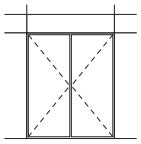
Stand-alone
Simultaneous



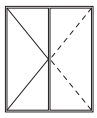
Compositions with fixed light



Technical mullion integration

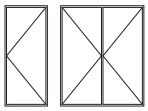


Integration in TENTAL façade

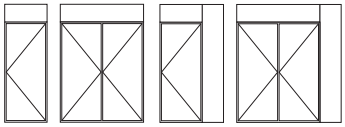


Push-pull

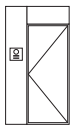
OPEN-OUT SINGLE ACTION



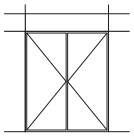
Stand-alone
Simultaneous



Compositions with fixed light

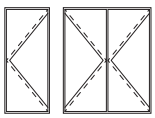


Technical mullion integration

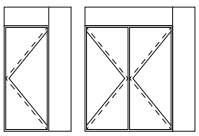


Integration in TENTAL façade

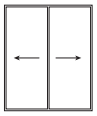
DOUBLE ACTION



Stand-alone



Compositions with fixed light



Automatic sliding

Local entity
Address
Country
Tel. +XX XXXX XX XX XX
www.technal.com

TECHNAL®

By Hydro

XXXX.XXX - May 2024 - Document non contractuel