



DOORS

SOLEAL NEXT 75

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.

Design

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

Dimensions

- Module: 75 mm
- Height: up to 3 meters
- Glazing thickness: up to 59 mm
- Infill weight: up to 150 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
 - Sash overlapping panel
- Facade integration
- Compatible with TENTAL facade, and SOLEAL Next window ranges

Safety & accessibility

- Finger protection
- Burglary and bullet resistance
- Emergency exit
- Anti-bacterial nano-coating on handles
- Barrier free and low threshold
- Mechatronics insertion (technical mullion)

Performances

- Endurance test for heavy traffic – up to 2.000.000 cycles
- Acoustic insulation up to 43 dB
- Weather tightness and thermal performances complying to highest international standards

Sustainability

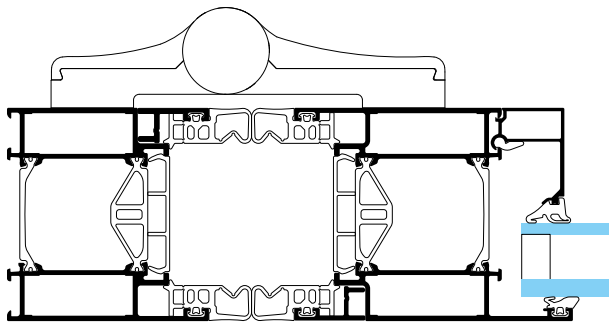
- SOLEAL Next is made in Hydro CIRCAL®, aluminium made with a minimum of 75% recycled end-of-life aluminium.
- PVC-free components
- Cradle to Cradle®: under certification
- Dynamic EPD available on TechDesign
- 75% recycled and 95% recyclable



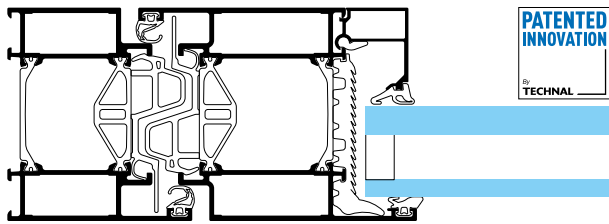
Thermal performance: U_d up to 0.89 W/m²K,
 1-leaf open in, low threshold, glazed, (WxH) 1500x2640 mm
Air permeability: Class 4
Water tightness: Class 6A
Wind pressure resistance: Class 2
Acoustic performance: R_w up to 43 dB
Endurance test for heavy traffic: up to 2.000.000 cycles
Burglary resistance: RC2, RC3 and PAS24
Bullet resistance: FB4 NS



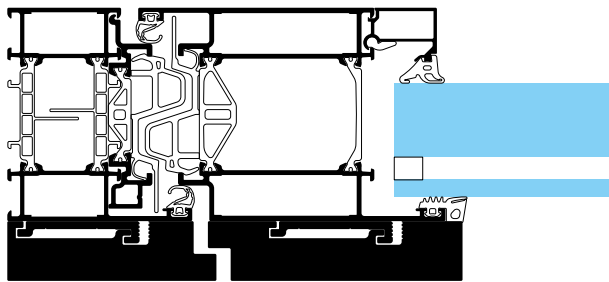
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Finger safety on the hinge side



Burglary resistance



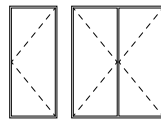
Bullet resistance



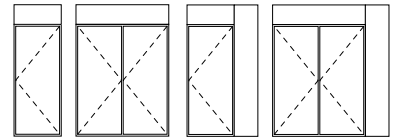
Anti-panic door

Applications

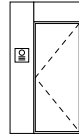
Open-in Single Action



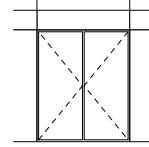
stand alone



compositions with fixed light

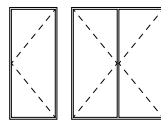


integration with technical mullion

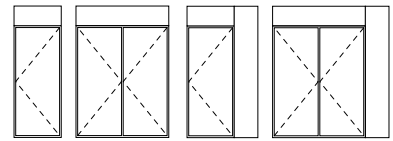


integration in TENTAL facade

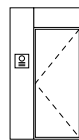
Open-out Single Action



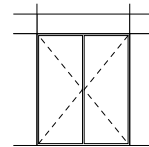
stand alone



compositions with fixed light

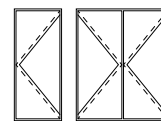


integration with technical mullion

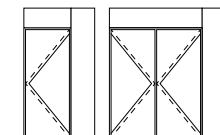


integration in TENTAL facade

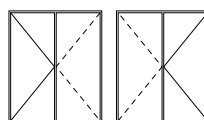
Double Action



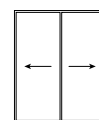
stand alone



compositions with fixed light

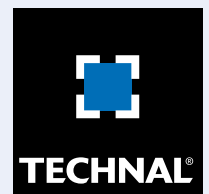


push-pull



automatic sliding

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www.technal.com



By  Hydro



DOORS

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.

Design

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

Dimensions

- Module: 65 mm
- Height: up to 3 meters
- Glazing thickness: up to 49 mm
- Infill weight: up to 150 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
- Reinforced version for high traffic applications
- Compatible with TENTAL facade, and SOLEAL Next window ranges

Safety & accessibility

- Finger protection
- Burglary and bullet resistance
- Emergency exit
- Anti-bacterial nano-coating on handles
- Multiple, high performing, low threshold solutions
- Mechatronics insertion (technical mullion)

Performances

- Endurance test for heavy traffic – up to 2.000.000 cycles
- Acoustic insulation up to 43 dB
- Weather tightness and thermal performances complying to highest international standards

Sustainability

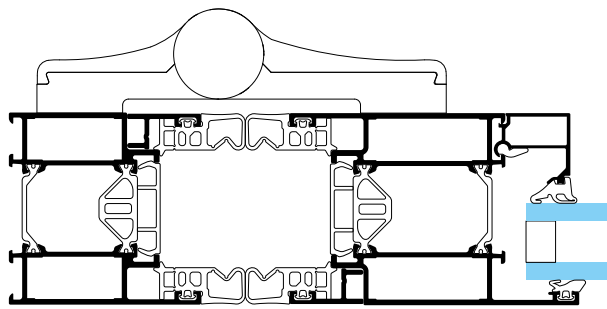
- SOLEAL Next is made in Hydro CIRCAL®, aluminium made with a minimum of 75% recycled end-of-life aluminium.
- PVC-free components
- Cradle to Cradle®: under certification
- Dynamic EPD available on TechDesign
- 75% recycled and 95% recyclable



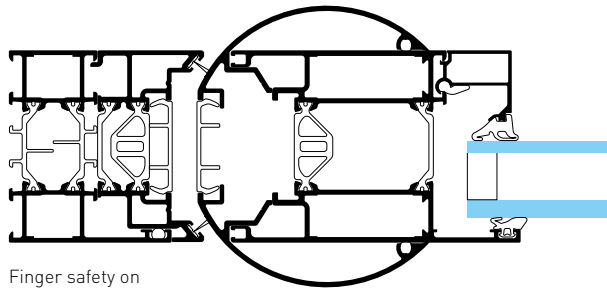
Thermal performance: U_d up to 1.0 W/m²K
 1-leaf open in, low threshold, glazed, (WxH) 1500x2640 mm
Air permeability: Class 4
Water tightness: Class 6A
Wind pressure resistance: Class 2
Acoustic performance: R_w up to 43 dB
Endurance test for heavy traffic: up to 2.000.000 cycles
Burglary resistance: RC2, RC3 and PAS24
Bullet resistance: FB4 NS



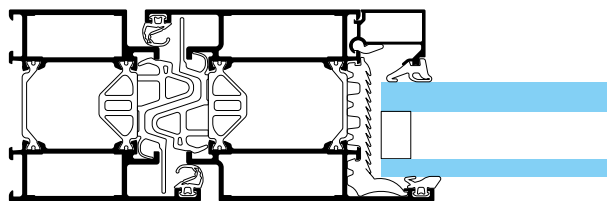
By  Hydro



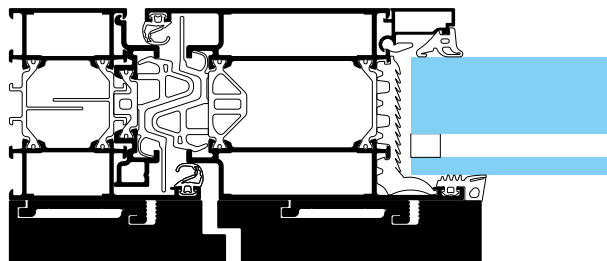
Finger safety on the hinge side



Finger safety on the pivot side



Burglary resistance



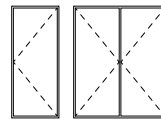
Bullet resistance



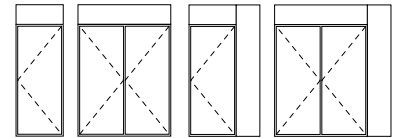
Anti-panic door

Applications

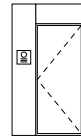
Open-in Single Action



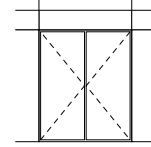
stand alone



compositions with fixed light

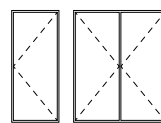


integration with technical mullion

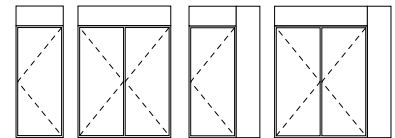


integration in TENTAL facade

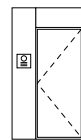
Open-out Single Action



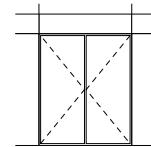
stand alone



compositions with fixed light

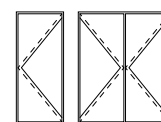


integration with technical mullion

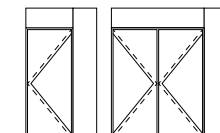


integration in TENTAL facade

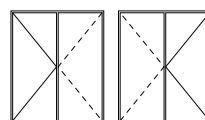
Double Action



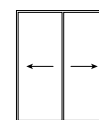
stand alone



compositions with fixed light

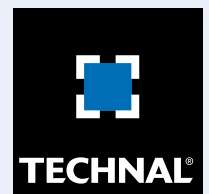


push-pull



automatic sliding

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By  Hydro



DOORS

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SOLEAL Next offers a variety of applications to meet the needs of all types of building projects.

Design

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

Dimensions

- Module: 65 mm non thermal break
- Height: up to 3 meters
- Glazing thickness: up to 49 mm
- Infill weight: up to 150 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
- Reinforced version for high traffic applications
- Compatible with TENTAL facade, and SOLEAL Next window ranges

Safety & accessibility

- Finger protection
- Fire resistance EW 30 and smoke resistance S_a and S₂₀₀
- Emergency exit
- Anti-bacterial nano-coating on handles
- Multiple, high performing, low threshold solutions
- Burglar resistant RC2 & RC3
- Mechatronics insertion (technical mullion)

Performances

- Endurance test for heavy traffic – up to 1.000.000 cycles
- Acoustic insulation up to 44 dB
- Weather tightness complying to highest international standards

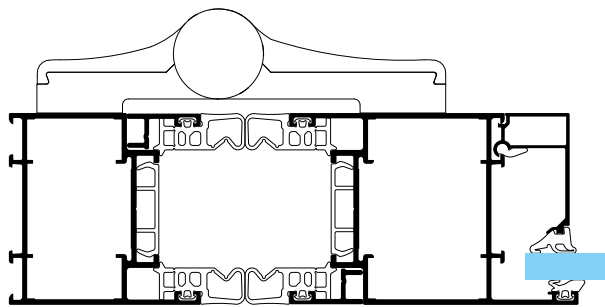
Sustainability

- 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

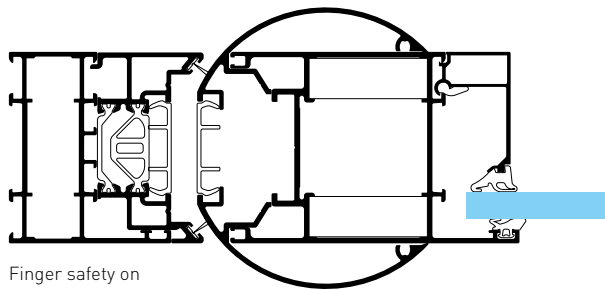


Air permeability: Class 4
 Water tightness: Class 6A
 Wind pressure resistance: Class 2
 Acoustic performance: R_w up to 44 dB
 Endurance test for heavy traffic: up to 1.000.000 cycles
 Burglary resistance: RC2, RC3 and PAS24
 Bullet resistance: FB4 NS

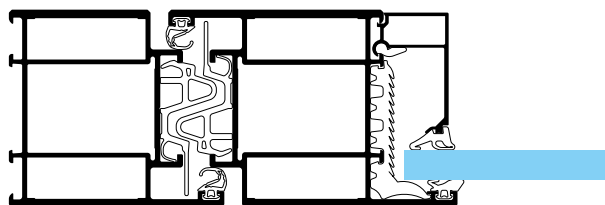




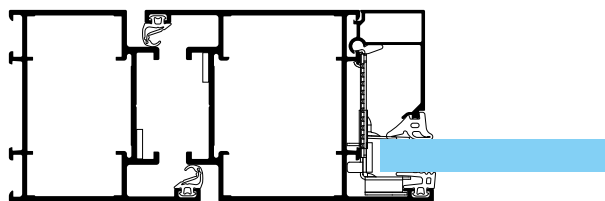
Finger safety on the hinge side



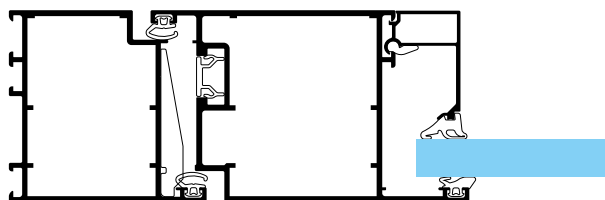
Finger safety on the pivot side



Burglary resistance



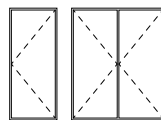
Fire resistance



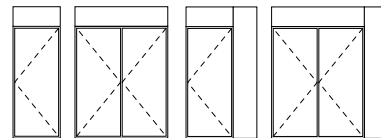
Smoke resistance

Applications

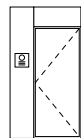
Open-in Single Action



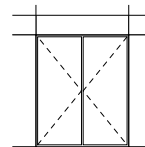
stand alone



compositions with fixed light

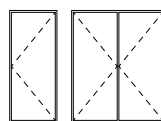


integration with technical mullion

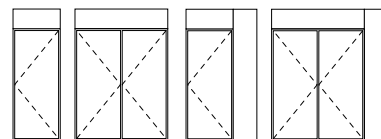


integration in TENTAL facade

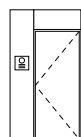
Open-out Single Action



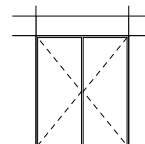
stand alone



compositions with fixed light

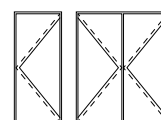


integration with technical mullion

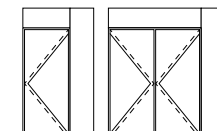


integration in TENTAL facade

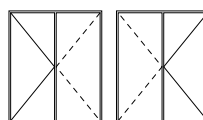
Double Action



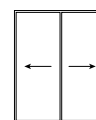
stand alone



compositions with fixed light



push-pull



automatic sliding

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