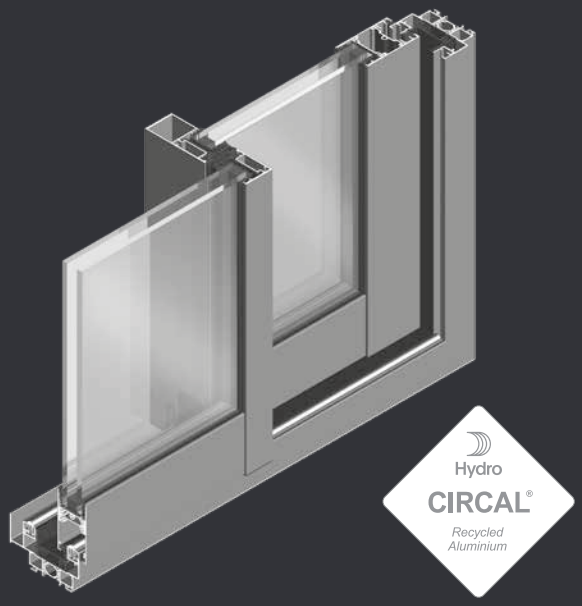


SLIDING SYSTEMS

SOLEAL

PERIPHERAL FIXED FRAME

↗ THE UNIVERSAL SLIDER

The SOLEAL sliding system with peripheral fixed frame is available in 55 mm and 65 modules, offering high performance to meet today's demand with reduced profile view aluminium.

AESTHETICS AND MODULARITY

- Peripheral fixed frame 2 tracks in 55 and 65 mm module.
- Thinnes of the visible profile, 103 mm on the circumference of the frame, 22 on the central pillar and 136 mm on the central percussion.
- Tubular reinforcement or blade reinforcement with decor option.
- Adjustable single and double set of wheels.
- Frame renovation for facing on wood joinery.
- Several applications: 3 and 4 tracks, pocket window solution, corner slider .
- EXCLUSIVE® handle collection
- EXCLUSIVE® colour palette

LARGE DIMENSIONS

- Large dimensions from floor to ceiling.
- Maximum dimensions: W x H 4300 x 2600 mm (2 tracks 2-leaf)
- Maximum glass load per leaf up to 200 kg
- Maximum glazing thickness of 32 mm

SAFETY & ACCESSIBILITY

- 1, 3 and 4-point rotation locking system.
- Multi-point locking with key lock option
- Accessibility solution compliant with PMR regulations.

SUSTAINABLE CIRCULAR SLIDER

- SOLEAL 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

PERFORMANCES (according to EN standards)

Thermal performance: U_w up to 1.5 W/m²K double glazing (WxH) 2300x2180 mm 2 tracks 2-leaf - with U_g = 1.0 W/m²K
Air permeability: up to Class 4
Water tightness: up to Class 6A
Wind pressure resistance: up to Class B2
Acoustic performance: R_w up to 34 dB

TECHNAL®

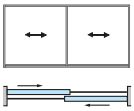
By Hydro

APPLICATIONS

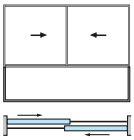
All of these applications are available with concealed drainage.
All patio door applications may be supplied with a disabled access threshold.

Base chassis

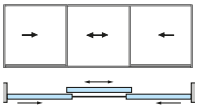
2-leaf
2 tracks



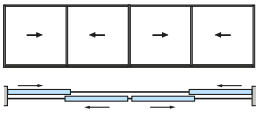
Integrated composite 2-leaf



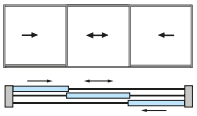
3-leaf independant 2 tracks



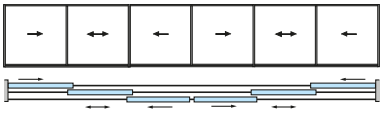
4-leaf
2 track



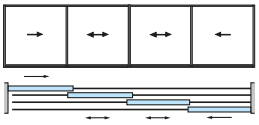
3-leaf
3 track



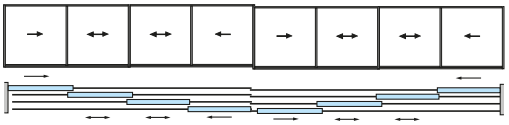
6-leaf
3 track



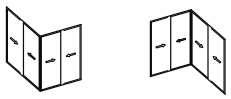
4-leaf
4 track



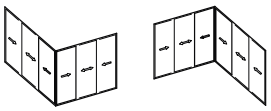
8-leaf
4 track



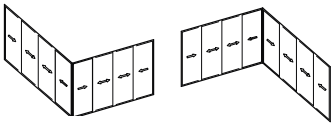
Corner base frame



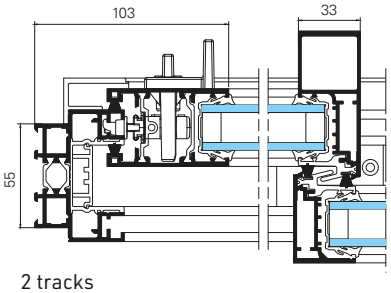
2 x 2 leaves - 2 tracks



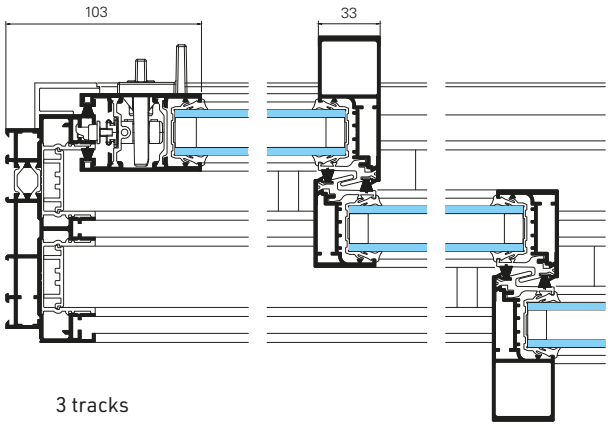
2 x 3 leaves - 3 tracks



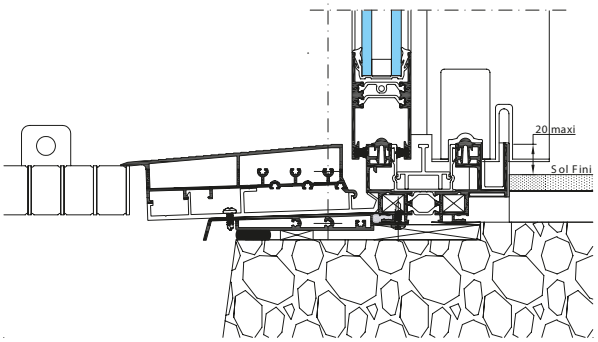
2 x 4 leaves - 4 tracks



2 tracks



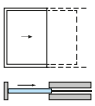
3 tracks



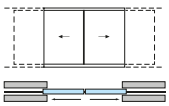
Disabled access threshold on 2 tracks

Pocket window chassis

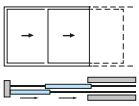
1-leaf



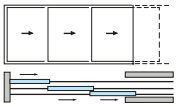
2-leaf



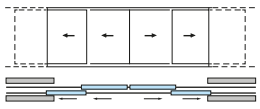
2-leaf
2 tracks



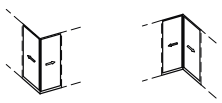
3-leaf
3 tracks



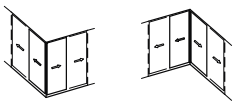
4-leaf
2 tracks



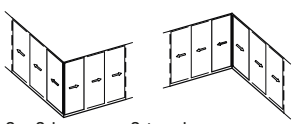
Corner pocket window chassis



2 x 1 leaf



2 x 2 leaves - 2 tracks



2 x 3 leaves - 3 tracks

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