HÄFELE

ALUMINIUM DOOR & WINDOW SYSTEMS

www.hafele.com

All-Glass Sliding System ALUTEC 100

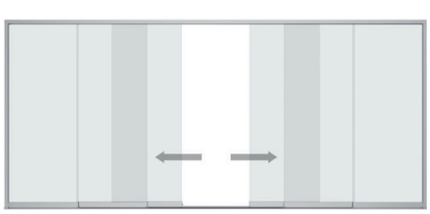
The all-glass sliding system ALUTEC 100 enables the individual parallel sliding panels to be moved horizontally to either one or both sides. On opening and closing of the first sliding panel, the other sliding panels are automatically opened and closed by integrated followers.

The floor-mounted construction means that wide openings can be achieved without additional roof supports. The lower ball-bearing mounted carriages ensure the optimum and smooth running of the individual sliding panels. Height compensation of the ceiling rail up to 20 mm and height adjustment of the rollers up to 5 mm allow the sliding system to compensate easily for structural sagging of the eaves or lintel without problems and permit a quick and simple installation.

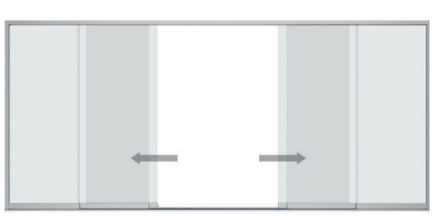
We reserve the right to alter specifications without notice.

System features ALUTEC 100

- Floor-mounted sliding system.
- Sliding to the left or right as desired.
- 15 mm panel construction depth.
- With 1-, 2-, 3-, 4- or 5-track slide and guide rail.
- Follower function for sliding panel means system is easy to use.
- Floor rail with anti-slip coating can be integrated into the floor.
- Unobstructed living space.
- Internal or external locking of the sliding panels (optional).
- Unpressurised drainage and easy cleaning due to optimum length of rails.
- Glazing with toughened safety glass.
- Panel structure of 8 or 10 mm.
- Powder coating (RAL) or eloxal (EURAS).



Unlock and slide the opening panel.

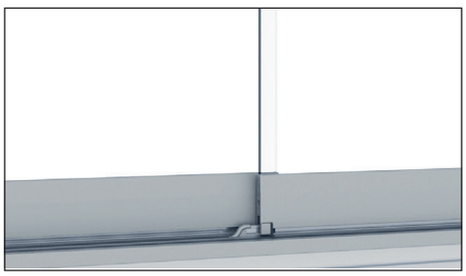


Easy displacement of the elements by integrated followers.

Large opening area with opened elements.

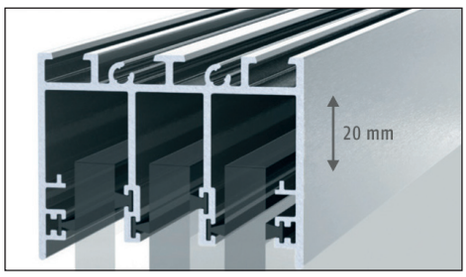
We reserve the right to alter specifications without notice.

System details ALUTEC 100



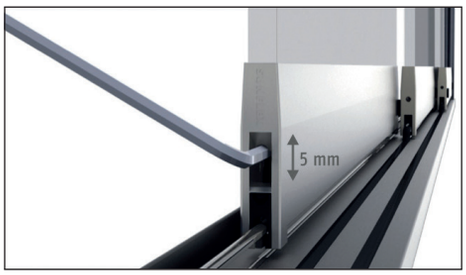
Sealing

Maximum transparency, permanent ventilation and protection against driving rain are ensured by a 25 mm covering of the panels when closed.



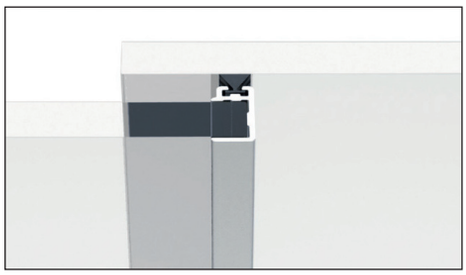
Height compensation

The ceiling rail adjusts to height differences up to 20 mm in case of building subsidence at the upper construction.



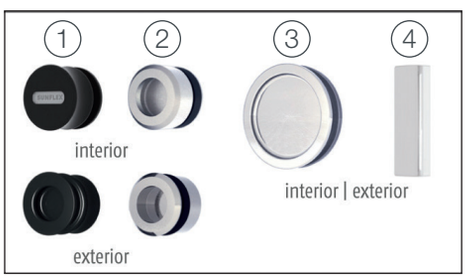
Height adjustment

To compensate for structural variations the integrated rollers can be adjusted for height by up to 5 mm.



Vertical frame

Increased driving rain and wind resistance by vertical frame profiles with brush gaskets, available as option.



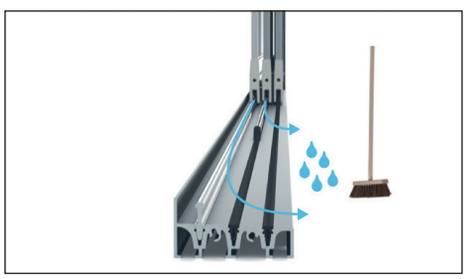
Types of handles

1 Plastic knob, 50mm

2 Stainless steel knob, 50mm

3 Stainless steel C-Pull handle, 80mm

4 Acrylic glass handle



Drainage and cleaning

A sloping floor construction and optimally shortened rail lengths permit unpressurised drainage and simple cleaning of the floor rail. The anti-slip coating ensures that the floor rail surface is safe to walk on.

We reserve the right to alter specifications without notice.

Slide and Turn System ALUTEC 110

Slide and turn systems enhance the attractiveness of any home through the contrast of glass and wall.

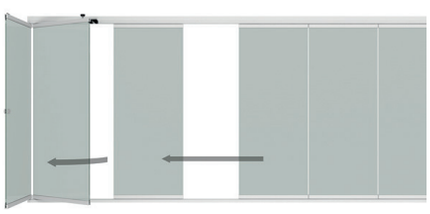
Their individually moveable, unconnected glass panels can be opened over the entire frontage and parked as a narrow stack on the side so that an impediment-free passage from inside to outside is ensured and visual appearance is not impaired. The opened panels require very little space.

We reserve the right to alter specifications without notice.

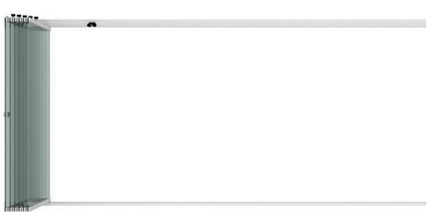
System features ALUTEC 110

- Low-wear and maintenance-free fittings.
- Different bottom tracks.
- Pressure-free drainage of bottom track by inclined floor construction.
- Catch channel at the inside of the bottom track to drain condensation water and cleaning materials.
- Top hung construction with a choice of flush or weathered bottom track options.
- Horizontal running mechanism with triple stainless steel ball bearings and carbon fibre-reinforced polyamide wheels.
- Inward or outward opening of the panels possible.
- Choice of panel partition and sliding direction.
- Height compensation of up to 22 mm (±11 mm).
- Double brush seal with plastic bridge at top and bottom of the glass panels.
- Airborne sound insulation up to Rw 34 dB according to DIN EN ISO 140-3.
- Glass thickness of 6, 8, 10 mm.
- Screwed glazing for effortless future replacement of glass.

Easy opening by turning knob.



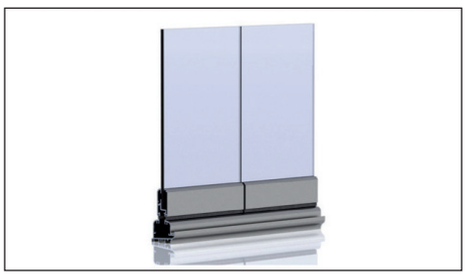
Easy sliding and turning of individual elements.



Large opening space if elements opened.

We reserve the right to alter specifications without notice.

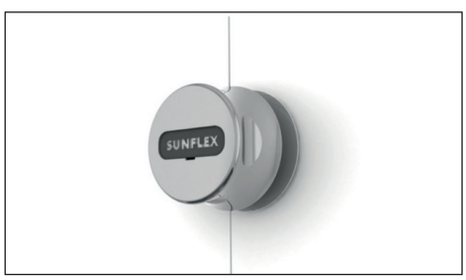
System details ALUTEC 110



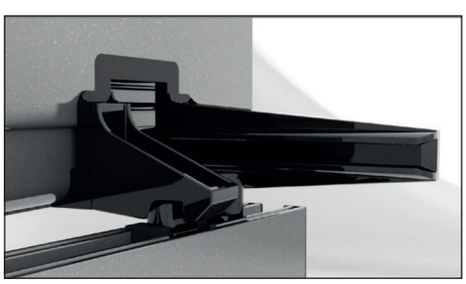
Frameless all-glass system.

Completely stainless steel carriage system.

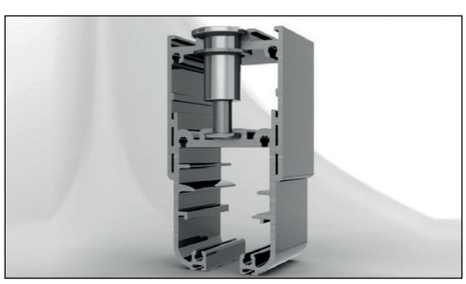
Screwed glazing, glass thickness of 6, 8 or 10 mm possible.



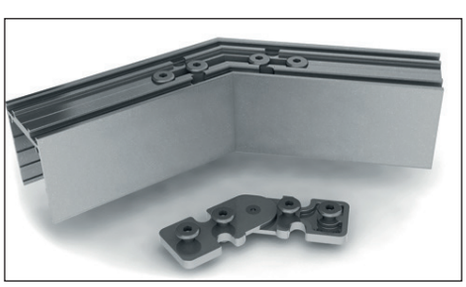
Turn knob.



Carriage recess with gap ventilation.



Height compensation profile allows a height adjustment of up to 22 mm.



Corner angle continuously adjustable for upper rail and height compensation profile.

We reserve the right to alter specifications without notice.

Sliding System ALUTEC 120

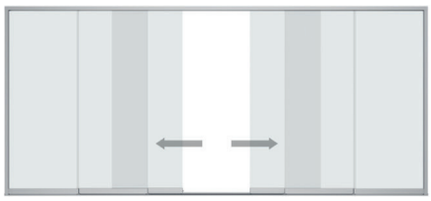
Sliding system is specifically designed for large size glass panels for rooftop terraces and winter gardens that are subject to stringent sealing and security requirements.

The ALUTEC 120 sliding door allows the individual sliding panels to be moved horizontally to one side or both in parallel. The individual sliding panels glide smoothly on ball-bearing mounted carriages for optimum performance.

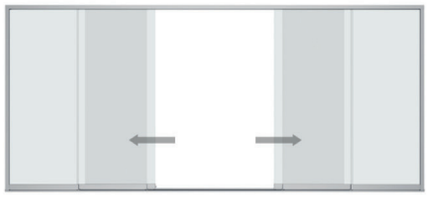
We reserve the right to alter specifications without notice.

System features ALUTEC 120

- Non insulated aluminium system.
- Floor-mounted sliding system.
- Sliding to the left or right as desired.
- Narrow exterior views: Frame 50 mm, casement 40 mm, glazing bar 70 mm.
- Opening types: 2- or 3-track with up to 6 moving casements.
- Max. door casement height: 3,000 mm.
- Max. casement weight: 180 kg.
- Construction depth: 2-track 65/50 mm, 3-track 115/50 mm.
- Glazing thickness of 6 - 10 mm, 20 mm and 24 mm possible.



Unlock and slide the opening panel.

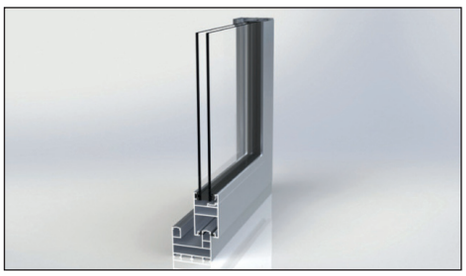


Easy displacement of the elements by integrated followers.

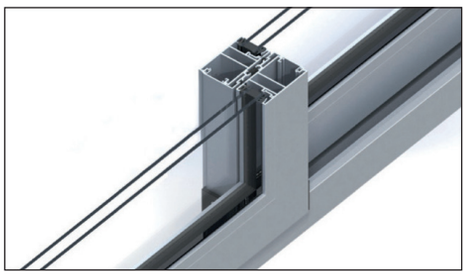
Large opening area with opened elements.

We reserve the right to alter specifications without notice.

System details ALUTEC 120

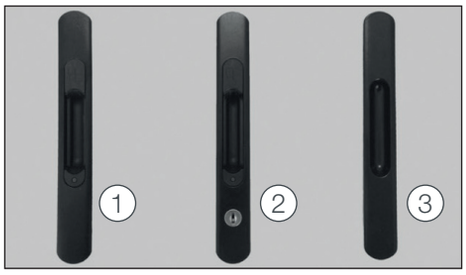


Frame
Non-insulated aluminium sliding system.



Vertical frame
Increased water- and wind tightness by three sealing levels within the labyrinth area.

Design
Narrow exterior view of all profiles provides a homogenous optics.



Types of handles
1 Interior locking.
2 Interior locking with lock.
3 Exterior pull handle.

We reserve the right to alter specifications without notice.

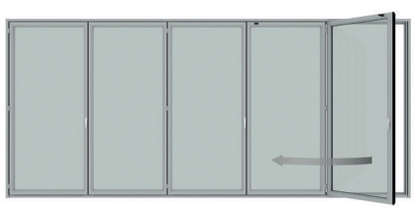
Folding System ALUTEC 130

Folding system ALUTEC 130 can offer large-scale glazing which open and close comfortable by meaning of the interconnected panels - a transparent all-rounder with the guarantee of quality and longevity.

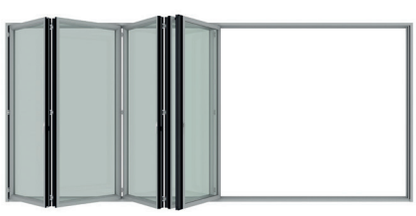
We reserve the right to alter specifications without notice.

System features ALUTEC 130

- Flush aluminium construction.
- Perfectly matching components.
- Low construction depths and slim profile designs.
- Choice of inward or outward opening folding panels.
- Panel distribution and folding direction of panels freely selectable.
- Storm-proof and burglary-resistant metal fittings.
- Height of element up to 3,500 mm.
- Various glazing types, lock types, colours, finishes, types of wood, etc. possible.



Easy opening of the first panel.



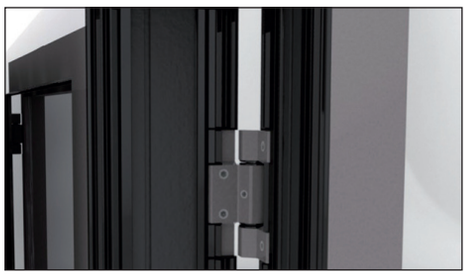
Folding of the connected elements.

Parking of the folded panels.

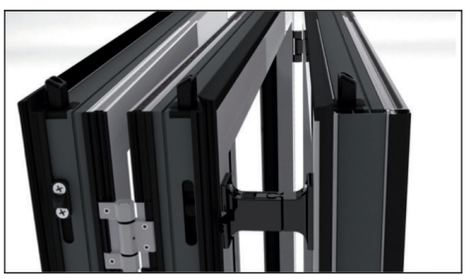
We reserve the right to alter specifications without notice.

System details ALUTEC 130

Frame
Non-insulated aluminium sliding system.



Fitting
Burglar resistant fittings.



Panel catcher
For additional security to fix the pass door to the adjacent panel.

We reserve the right to alter specifications without notice.

Awning Windows, Casement Windows and Fixed Glazing ALUTEC 140

An awning window is appropriate for many architectural styles with an intriguing appearance when grouped with other window types. It is hinged at the top and opens outwards from the bottom in an upwards swing.

A casement window is the perfect complement to the simplicity of modern design, while also providing maximum ventilation. This type of window is hinged on either side so the sash opens outwards, to the right or left, in a swinging motion.

We reserve the right to alter specifications without notice.

Overview of available colours

White
#21880

Infinity White
#KL1002525

P90098AN

P90042AQ

Snow Cream
#21800

Milk Cream
#21089

P90025AN

P70315AN

Titanium Silver
#KL1002835

P7003AQ

Munich Grey
#21080

P90097BN

P80011AN

P80002AN

Aztec Grey
#KL1002822

Zagros
#KL1018387

Silver Sahara
Metallic
#KL1026002

Silver Sparkle
Metallic
#KL1016937

P70160BQ

P90079WQ

Warm Grey
#21087

Nut Brown
#KL1016116

Brown
#KL1018489

P70441BQ

P70369XN

Eagle Black
#21081

Monkey Pod
#9103402

Golden Teak
#9061402

Brown Teak
#9061403

Red Teak
#9061406

Makha Wood
#9154403

We reserve the right to alter specifications without notice.

HÄFELE

Häfele Singapore Pte Ltd

Office
68 Sungei Kadut Loop | #03-00 Nutzcentre | Singapore 729504
Phone: +65 6494 7400 | Fax: +65 6494 7401 | Email: info@hafele.com.sg

Showroom
1 Kaki Bukit Road 1 | #01-27/28 Enterprise One | Singapore 415934
Phone: +65 6848 9075 | Fax: +65 6848 9076 | Email: showroom@hafele.com.sg

www.hafele.com.sg

Häfele Malaysia Sdn Bhd

KL Head Office
No. 18 Jalan Juruhebah U1/50 Seksyen U1, Temasya Industrial Park, 40150 Shah Alam, Selangor, Malaysia
Phone: +603 5569 2526 | Fax: +603 5569 3526 | Email: info@hafele.com.my

Sabah Office & Showroom
4.2 & 4.3 Neutron Point, Lorong Point Neutron, Jalan Lintas Khidmat, 88300 Kota Kinabalu, Sabah, Malaysia
Phone: +6088 380 533 | Fax: +6088 386 533 | Email: hafelesabah@hafele.com.my

KL Design Centre
No.42, Jalan SS21/1 Damansara Utama, 47400 Petaling Jaya, Selangor, Malaysia
Phone: +603 7733 4526 / 7733 6526 | Fax: +603 7733 3526 | Email: info@hafele.com.my

Penang Showroom
No.51, Jalan Kelawei, 10250 Pulau Penang, Malaysia
Phone: +604 229 4526 / 229 6526 | Fax: +604 229 2526 | Email: hafelepenang@hafele.com.my

www.hafele.com.my

732.99.15004 - December 2015