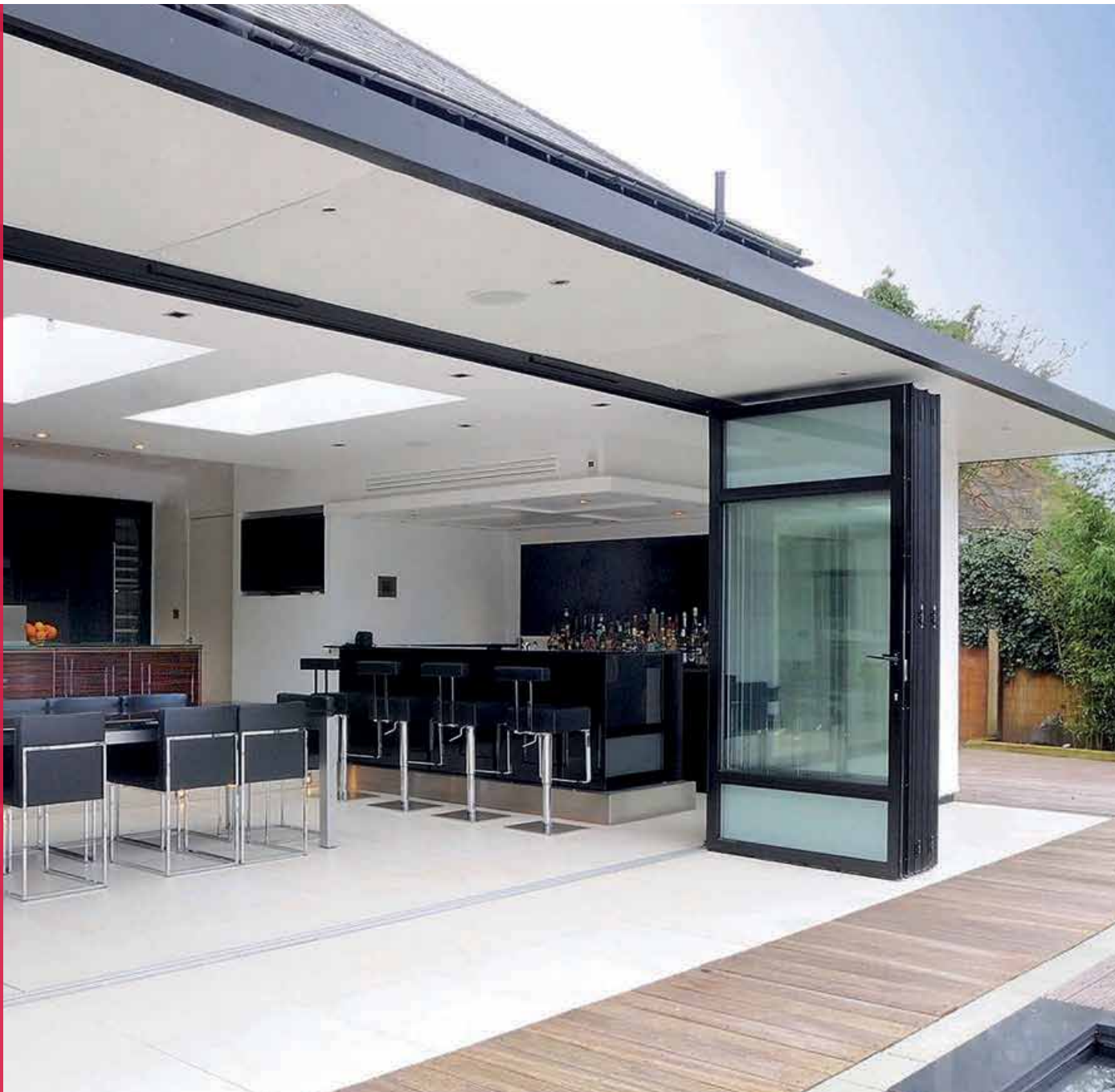


HÄFELE



HÄFELE ALUTEC

HIGH QUALITY ALUMINUM DOOR & WINDOW SYSTEMS

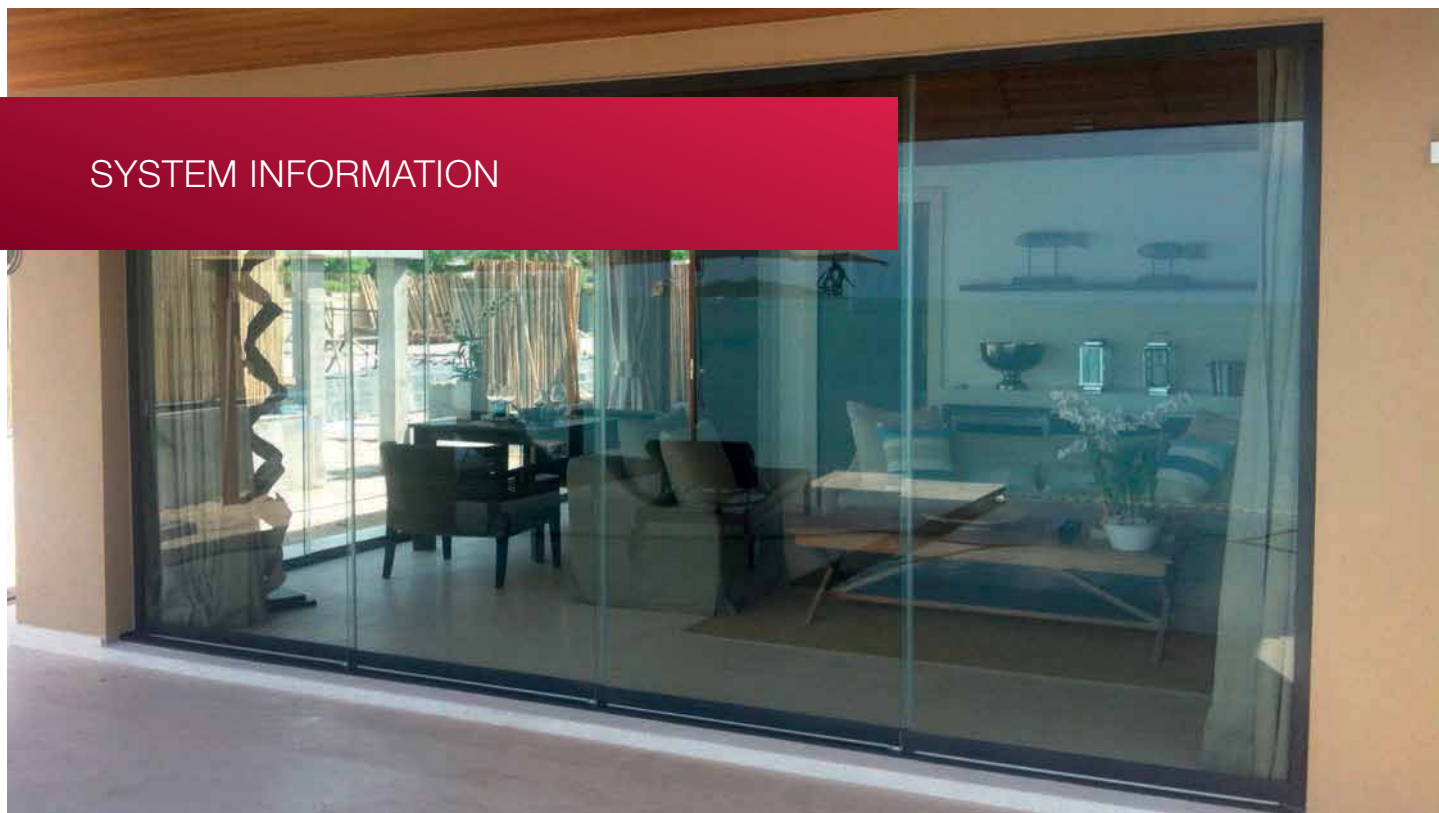
ALUTEC 100



The Alutec 100 all-glass sliding system SF 20 enables the individual parallel sliding panels to be moved horizontally to either one or both sides. On opening and closing 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 and permit quick and simple installation.



SYSTEM INFORMATION



- > floor-mounted sliding system
- > sliding to the left or right as desired
- > 15 mm panel construction depth
- > with 1-, 2-, 3-, 4-, 5- or 6-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 to provide an unobstructed living space

- > internal or external locking of the sliding panels (optional)
- > unpressurized 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)

Kinds of Handles



Handling



Unlock and slide the opening panel



Easy displacement of the elements by integrated followers



Large opening area with opened elements

Details



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 from 16-20 mm in case of building subsidence at the upper construction.



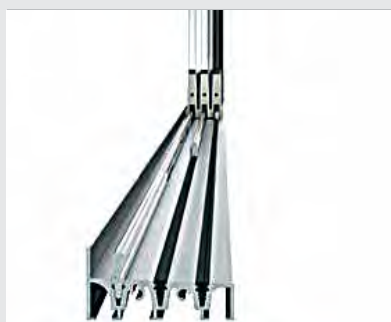
Height Adjustment

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.



Drainage and Cleaning

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



Barrier Free Living

Optionally a flat bottom rail (height = 13 mm) is available which is particularly suitable for indoor "barrier-free dwellings" in compliance with DIN 18025 - whether mounted or recessed into the floor.



Locking Mechanism

Optionally an handle, a lock and a locking mechanism can be fitted to the panel internally and externally.



Convenience

On closing and opening the sliding door each adjacent panel respectively is automatically moved by the integrated followers.



Ease of Operation

Smooth movement of the sliding panels by hidden rollers incorporating ball-bearings with noise-inhibiting contact surfaces.

ALUTEC 110



ALUTEC 100 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.

SYSTEM INFORMATION



- > 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 and cleaning waters
- > top-hung construction with a choice of flush or weather-proof bottom track options
- > horizontal running mechanism with triple stainless steel ball bearings and carbon fibre-reinforced polyamide wheels
- > inwards or outwards opening of the panels
- > 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 R_w 34 dB according to DIN EN ISO 140-3
- > glass thickness of 8 and 10 mm depending on static requirements
- > screwed glazing for effortless future replacement of glass

Handling



Simple opening by operation of a turn knob



Easy displacement of the elements by integrated followers



Large opening space when elements are opened

Details



Height Compensation

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



Top Track with Vertical Flange

height compensation profile with vertical flange.



Top Track with Horizontal Flange

- > height compensation profile with horizontal flange
- > screw cap with cover clip



Handle

Turn knob (SF25, SF30)



Glass

screwed glazing, glass thickness 6, 8 or 10 mm possible



Bendings

corner angle continuously adjustable for upper rail and height compensation profile into the floor.



Carriage System

completely stainless steel carriage system



Covering Flap

carriage recess with covering flap



Panel Guidance

optimal panel guidance when opening and closing

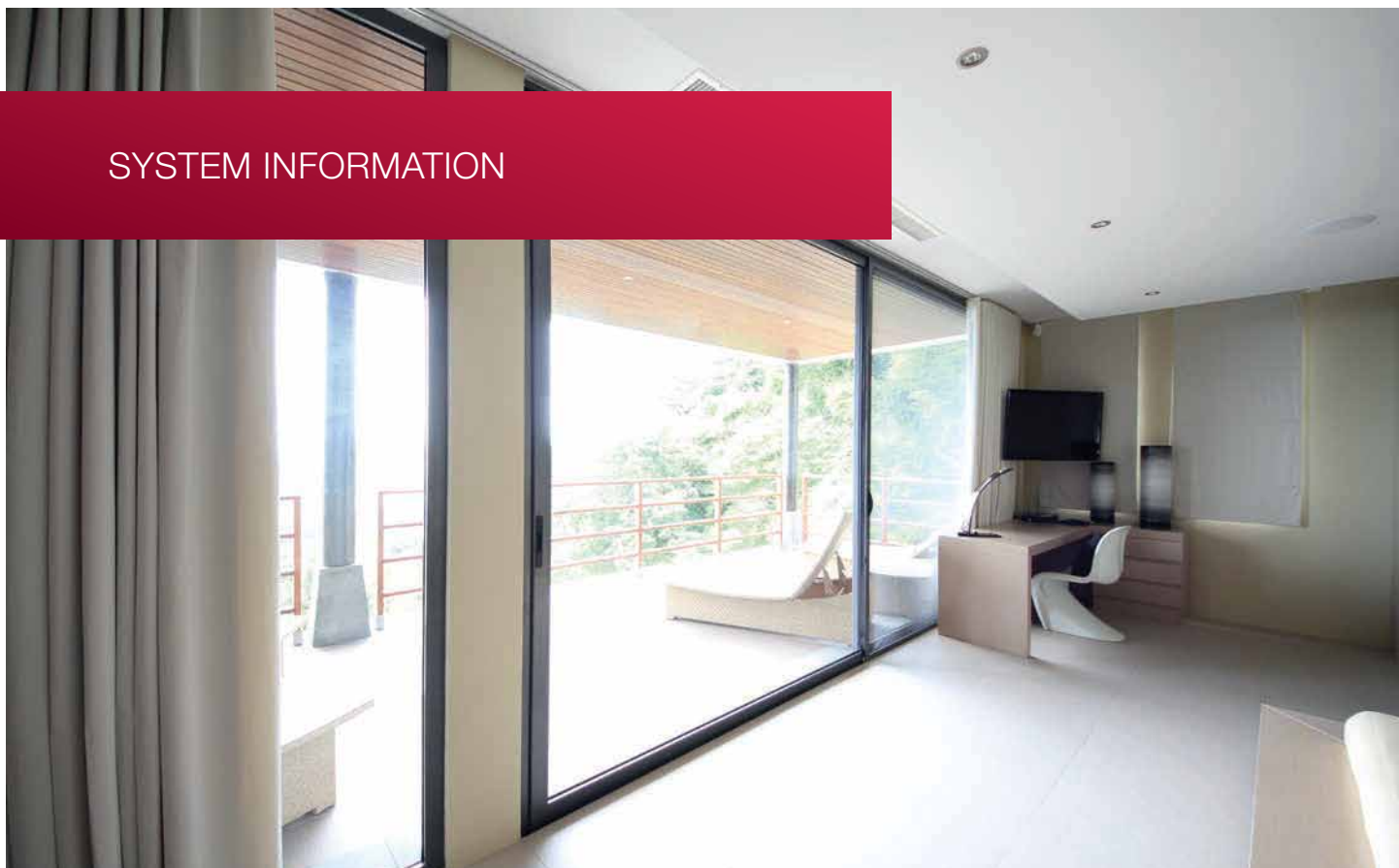
ALUTEC 120



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.

SYSTEM INFORMATION



- > non insulated aluminium system
- > different bottom tracks
- > sliding to the left or right as desired
- > narrow exterior views: Frame 50 mm, casement 40 mm, frame bar 70 mm
- > opening types: 2- or 3-track with up to 6 moving casements
- > max. door casement height: 3,600 mm
- > max. casement weight: 180 kg
- > construction depth: 2-track 65/40 mm, 3-track 115/40 mm
- > glazing thickness of 6–10 mm, 20 mm and 24 mm possible



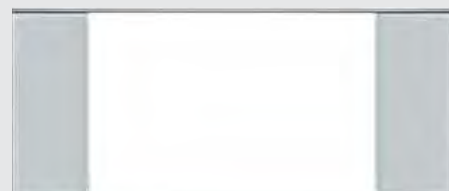
Handling



Unlock and slide the opening panel



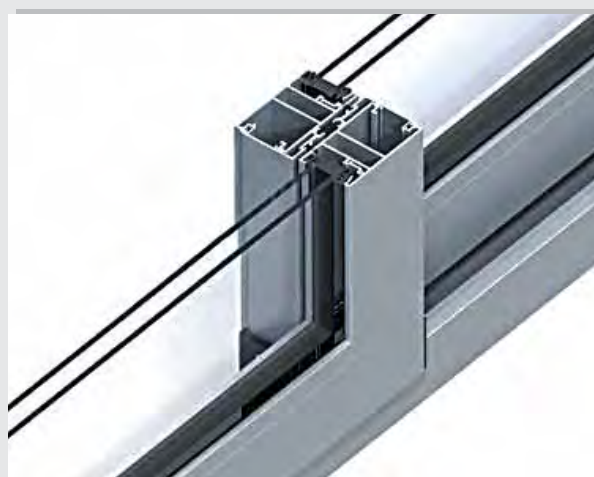
Easy displacement of the elements by integrated followers



Large opening area with opened elements



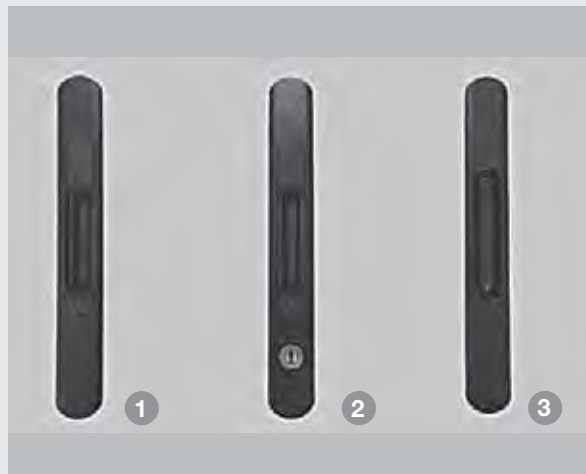
Frame
non-insulated aluminium sliding system



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



Frame
non-insulated aluminium sliding system



Vertical Frame

1. Locking interior
2. Locking interior with lock
3. Pull handle exterior

ALUTEC 130



The ALUTEC 130 folding sliding system can offer large-scale glazing which open and close comfortably by means of the interconnected panels - a transparent all-rounder with the guarantee of quality and longevity.

SYSTEM INFORMATION



- > flush aluminium construction
- > perfectly matched components
- > low construction depths and slim profile designs
- > choice of inwards or outwards opening folding panels
- > panel distribution and folding direction of panels freely selectable
- > storm-proof and burglar-resistant metal fittings
- > height of element up to 4400 mm
- > various glazing types, lock types, colours, finishes, etc.



Handling



Easy opening of the first panel



Folding of the connected elements



Parking of the folded panels

Details



Lockings

different kinds of lockings available



Handles

proper ALUTEC handle series



Panel Catcher

panel catcher for additional security to fix the pass door to the adjacent panel



Adjustment

assembly shoes allow a fast assembly and precise adjustment of the vertical frame profiles



Fitting

burglar resistance fittings

Non-Insulated Aluminum System



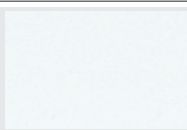
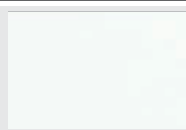
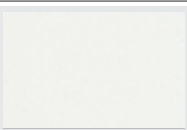
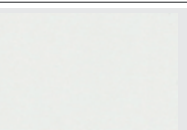



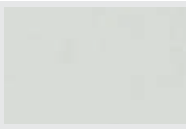

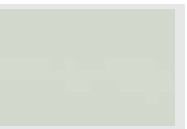

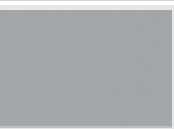
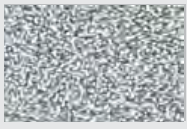






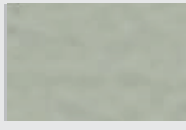

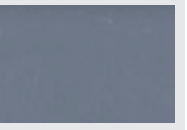
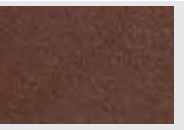

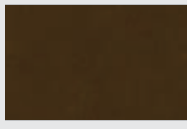
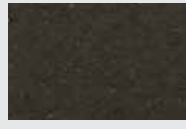






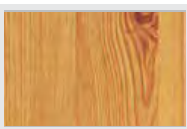


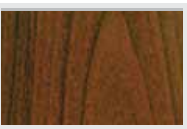

ALUTEC 140



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.

Overview of Available Colors

 White #21880	 Infinity White #KL1002525	 #P90098AN	 #P90042AQ	 Snow Cream #21800	 Milk Cream #21089
 #P90025AN	 #P70315AN	 Titanium Silver #P90098AN	 #P70003AQ	 Munich Grey #21080	 #P90097BN
 #P80011AN	 #P80002AN	 Aztec Grey #KL1002822	 Zagros #KL1018387	 Silver Sahara Metallic #KL1026002	 Silver Sparkle Metallic #KL1016937
 #P70160BQ	 #P90079WQ	 Champagne #KL188	 Warm Grey #21087	 Nut Brown #KL1016116	 Brown #KL1018489
 #P70441BQ	 #P70369XN	 Dark Brown #KL1006805	 Dark Grey #KL1023773	 Eagle Black #21081	 Ebony Black #KL1002823
 Fine Stone #KL1017329	 #P89DN8				
 Monkey Pod #9103402	 Golden Teak #9061402	 Brown Teak #9061403	 Red Teak #9061406	 Markha Wood #9154403	

All samples might look different in personal.



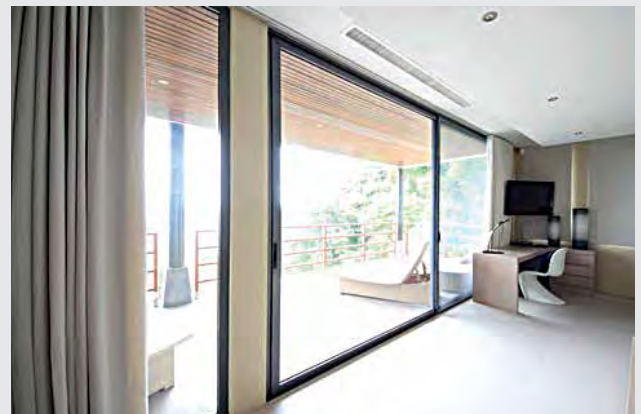
Glazing Folding Doors



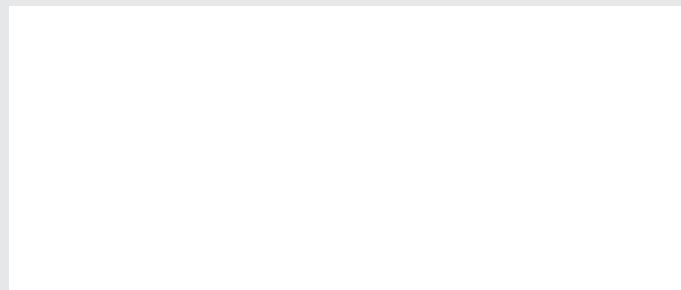
Terrace and Conservatory Glazing



Balcony and Facade Glazing



Exterior Sliding Door



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