



Built For A Regal View



King & Queen

Crafted to Suit Your Royalty



www.molto.co.in





Leading manufacturer of bespoke minimalist windows that processes and manufactures in-house the main components of its systems.

Control over the manufacturing process

Molto is currently manufacturer of minimalist frame windows that processes and manufactures the main components of its systems. Having full control and accountability over the entire process. From design to manufacture and installation, we answer for the complete system, both glass and aluminium. We streamlined glass transformation, system adaptation, and transportation, turning a once risky, complex process into a routine task.

The importance of glazing in minimalist windows

With surfaces above 98% structural glass, minimalist Frame windows are all about glazing. From an industrial point of view, more significant glass dimensions require larger tempering furnaces. Additionally, smooth operability and technical performances impose precision and higher quality standards, often exceeding international glass processing norms.

Global experience and support network

Furthermore, Molto has built experience Centres and a strong network with 150+ certified partners globally. Supported by our team, this network is composed by fully experienced technicians who ensure support at every stage. This includes glazing consulting, installation, and long-term maintenance.



Prinz

Single glass, elegant design,
smooth sliding,
perfect for royal living.

Designed For
Prince & Princess

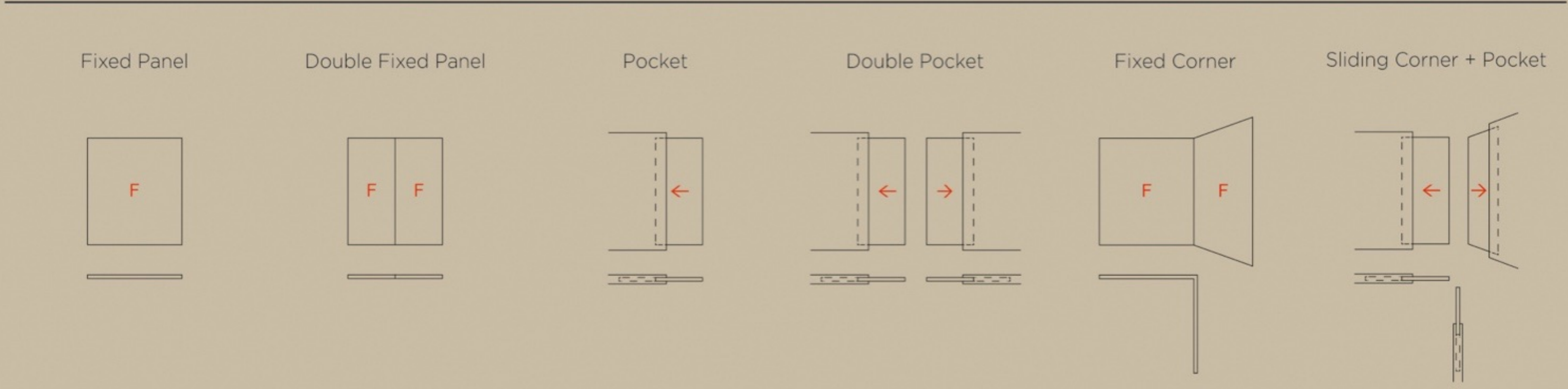


Prinz ultra-minimalist is based on the revolutionary vacuum insulating glass. This technology allows for 12mm total thickness glass to achieve triple glazing performance. By reducing glass thickness the overall aluminium structure of the window diminishes proportionally, resulting in an extremely slim and minimal system. Also, by using vacuum insulating glass, the vertical sightlines are reduced to an astonishing 14mm, even less than the initial systems based on standard double insulating glass.

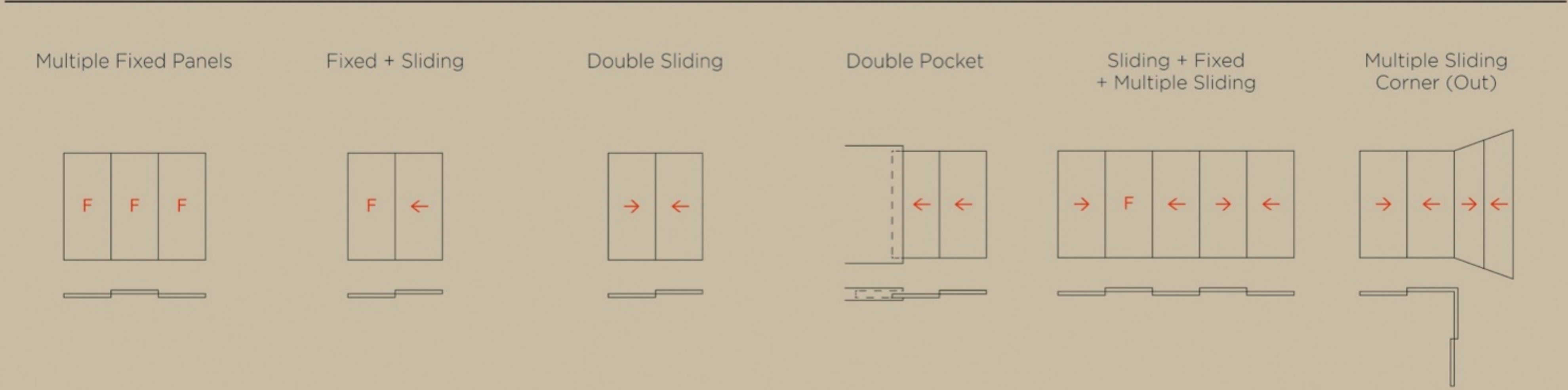
The system can achieve pane surfaces up to approximately 4.5m² and allows for the introduction of a wide range of accessories.

Typologies

Horizontal Sliding System



Horizontal Sliding System



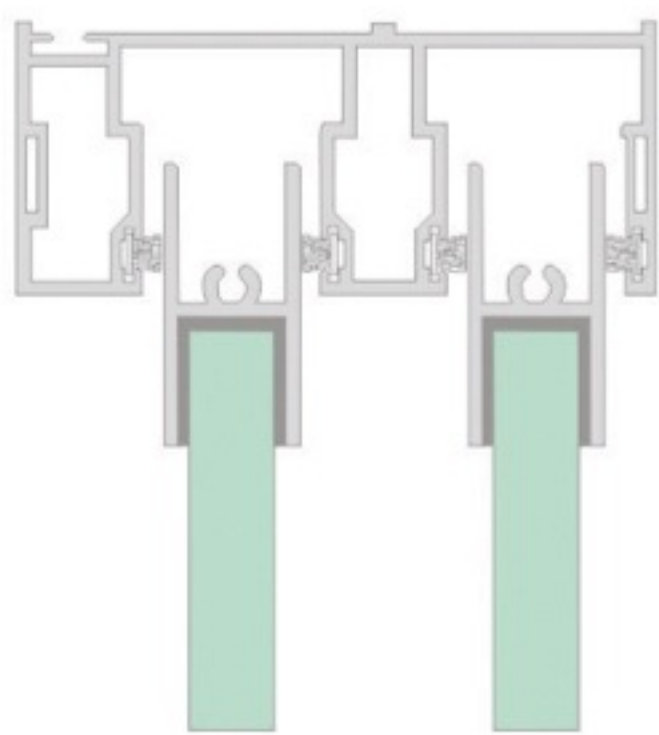
Performance Data

Thermal Co-efficient	> UW=0.724W/m2.K (UG=0.48W/m2.K)
Wind Resistance	> Class B3
Air Tightness	> Class 3
Water tightness	> Class 5A
Sound insulation	> Up to 34 dB
Security	> RC2

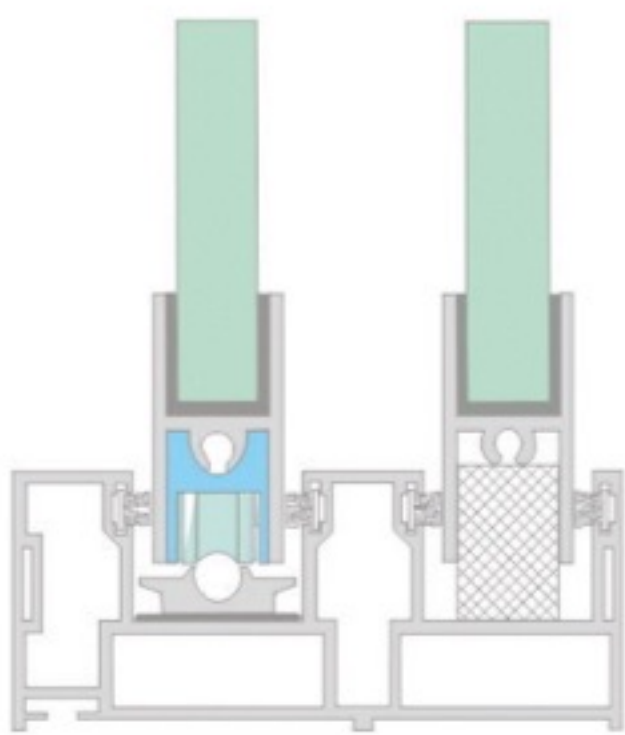
Attributes

Sight Line or Face Width	14mm
Section Joint	'L' clamp fitting with grub screws
Sash Degree	90 degrees machine precision
Glass Thickness	12mm
Sliding Rail	Stainless Steel - 316
Roller Bearings	Stainless Steel - 316
Surface Finish	Powder Coating/PVDF/Anodized
Handle	180 degrees
Maximum Shutter Size	4.5 sqm
Maximum Shutter Height	3m

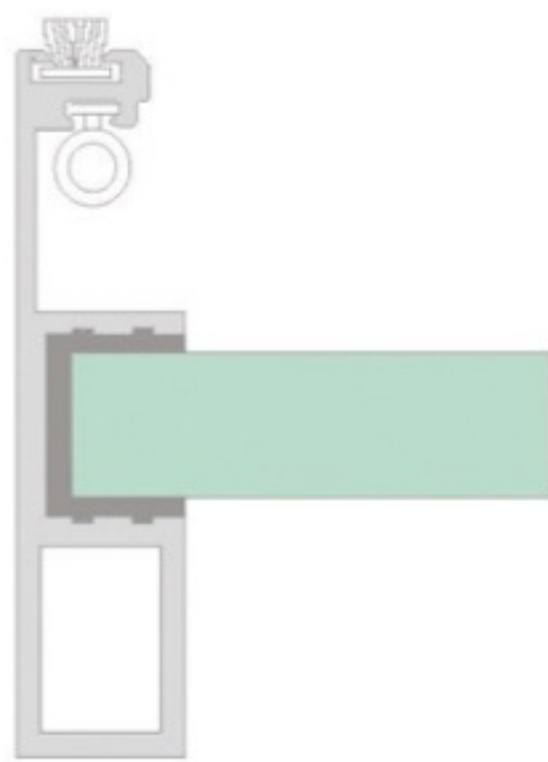
Details



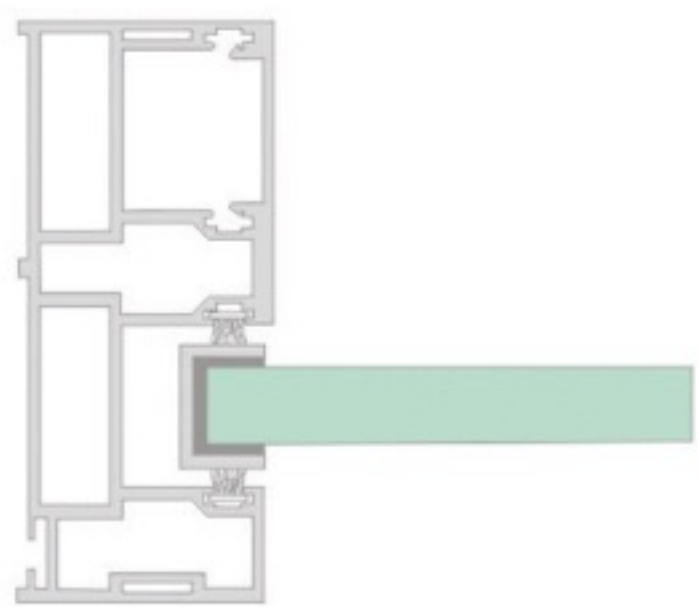
Top Section



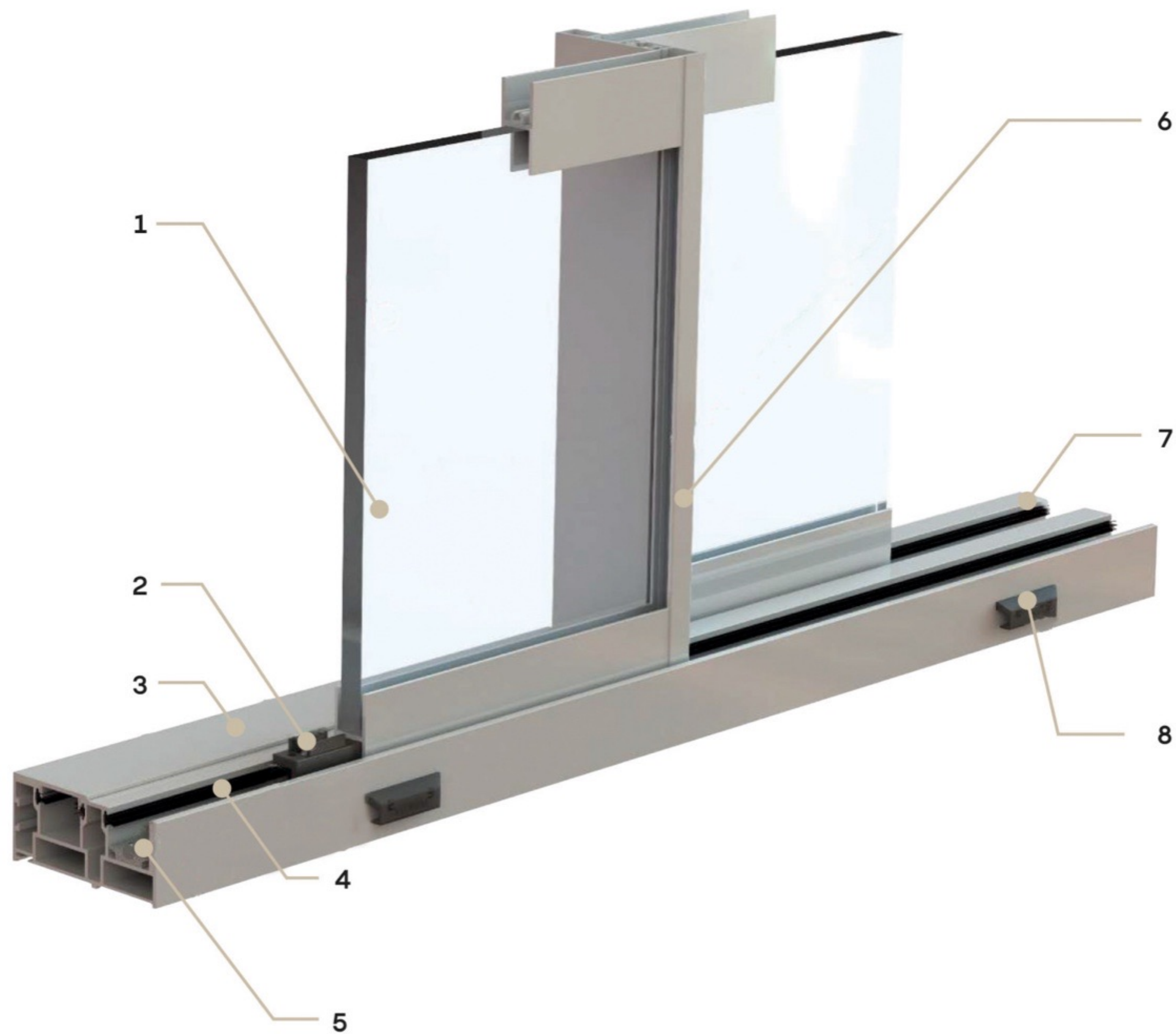
Bottom Section



Interlock With Handle



L & R Section



1. Glass

The system accommodates 12mm thick single glazed glass.

2. Roller Bearings

Roller bearings are of 316 grade stainless steel having a load capacity of 150 kg each. This ensures the weight of the shutter is balanced between the bearings and leads to highly smooth operation. The bearing's cage is made of heavy nylon to provide sustained support in the long run.

3. Cover Profile

Adhering to our commitment to an aesthetically appealing and maintenance free window, we have designed a metal covering to encase the fixed shutter track. The cover profile acts as a protective shield, providing resistance against air, dust and water seepage. Furthermore, it seamlessly merges with the entire window unit to elevate its aesthetic value.

4. Auto Clean Brush

The bottom of the shutter is provided with brushes between the bearing cages to auto clean the track for the dust to be accumulated at the corners of the track which can easily be removed.

5. Rail

The rail is made of 316 grade stainless steel. This facilitates easy sliding operation with least resistance for the heaviest windows.

6. Sight Line

The interlock/mullion between any 2 shutters is only 14mm thick.

7. Three Fin Wool Pile

This is a high quality brush used to prevent air, water and dust penetration into the track.

8. Drainage Slots

We have an integrated water management system, conducive even for torrential rain regions. The drainage slots are provided in each track of the profile to drain out water.



König

Double glass, superior insulation,
premium features,
perfect for majestic spaces.

Designed For
King & Queen

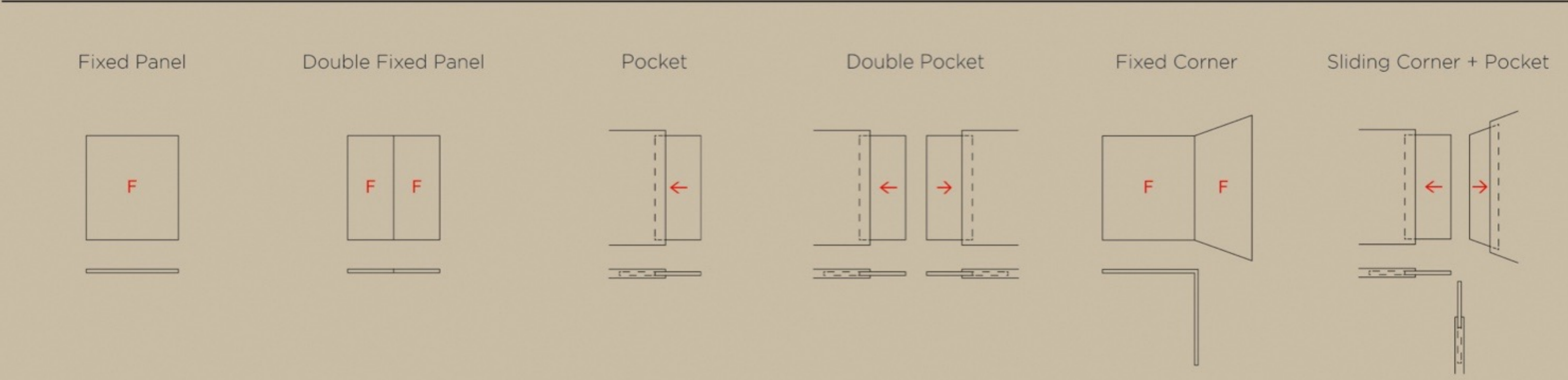


Konig is a ground breaking exterior opening system with unmatched thermal and acoustic performance (up to Minergie-P and Passivhaus), ideal for very cold climates. It also stands out as an intrusion prevention solution for high demanding security specifications (RC4). It offers great flexibility in the modular composition of openings, including opening corner solutions, pocket sliding configurations, curved layouts, tilted spans and retractable mosquito nets.

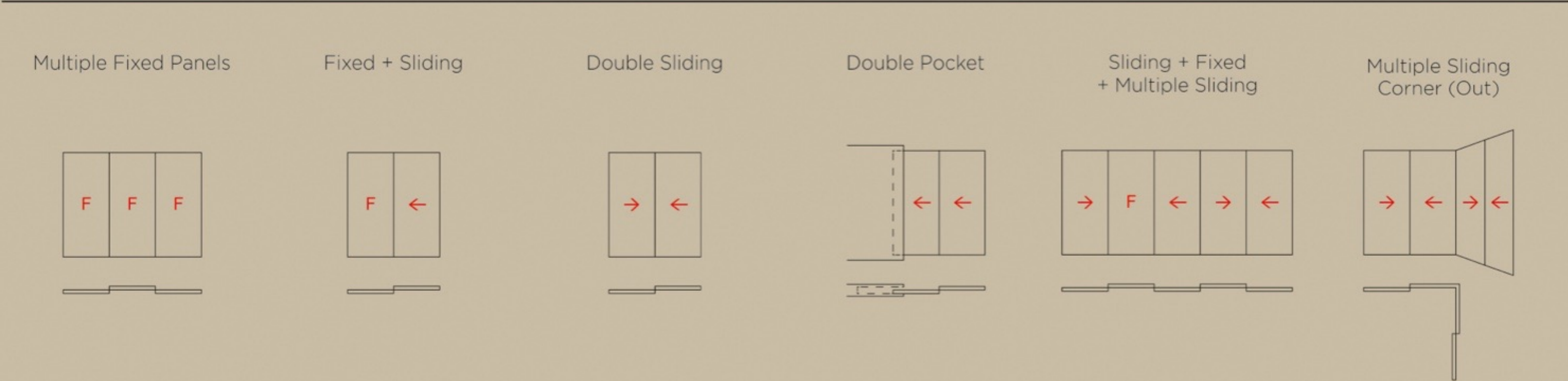
The alternatives come in a wide range of formats such as sliding and vertical sliding opening units. It allows for the introduction of a wide range of accessories, including heated glass, and it can be completely automated. Konig is a system that allows double glazed surface areas of up to 29m², or triple glazed of up to 19m². Both options use 21mm vertical profiles.

Typologies

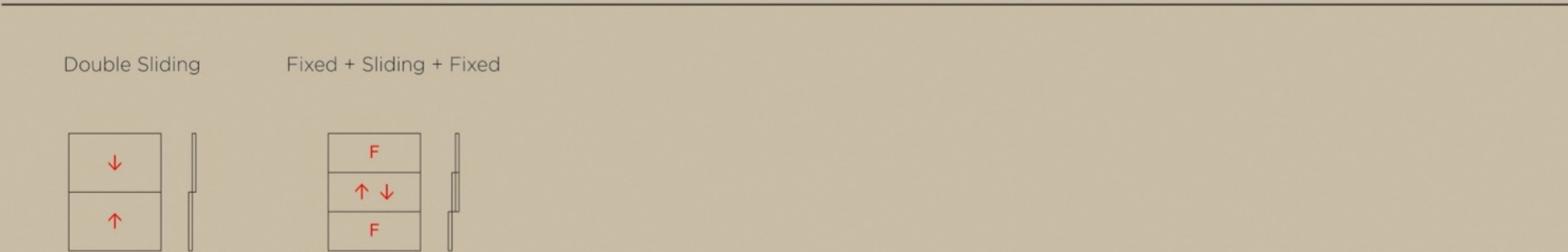
Horizontal Sliding System



Horizontal Sliding System



Vertical Sliding System



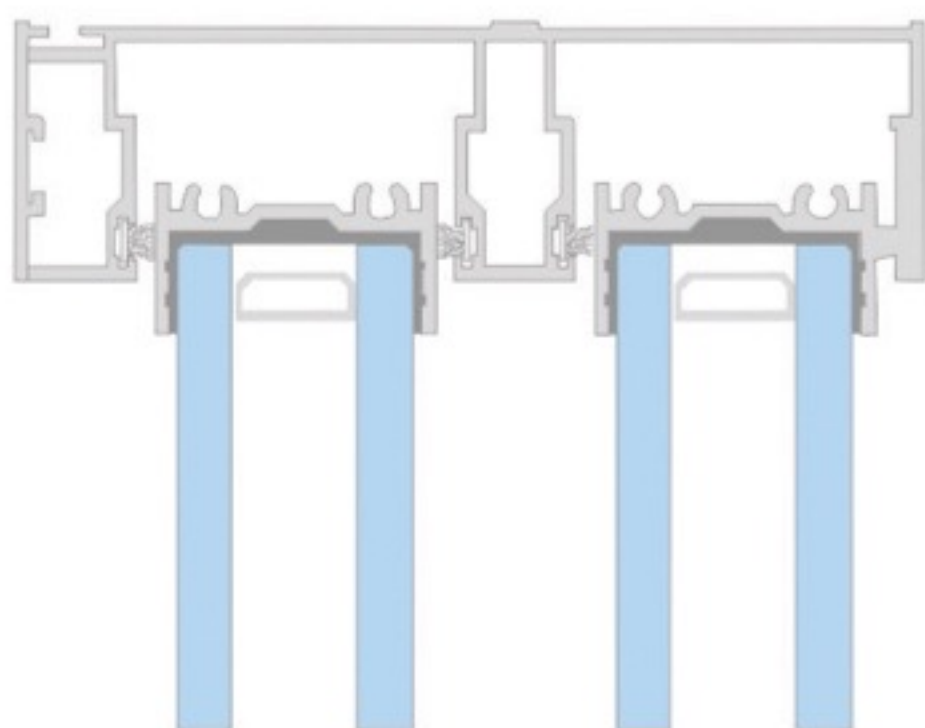
Performance Data

Thermal Co-efficient	> UW=0.708W/m2.K (UG=0.41W/m2.K)
Wind Resistance	> Class C5
Air Tightness	> Class 4
Water tightness	> Class E900
Sound insulation	> Up to 38 dB
Security	> Rc4

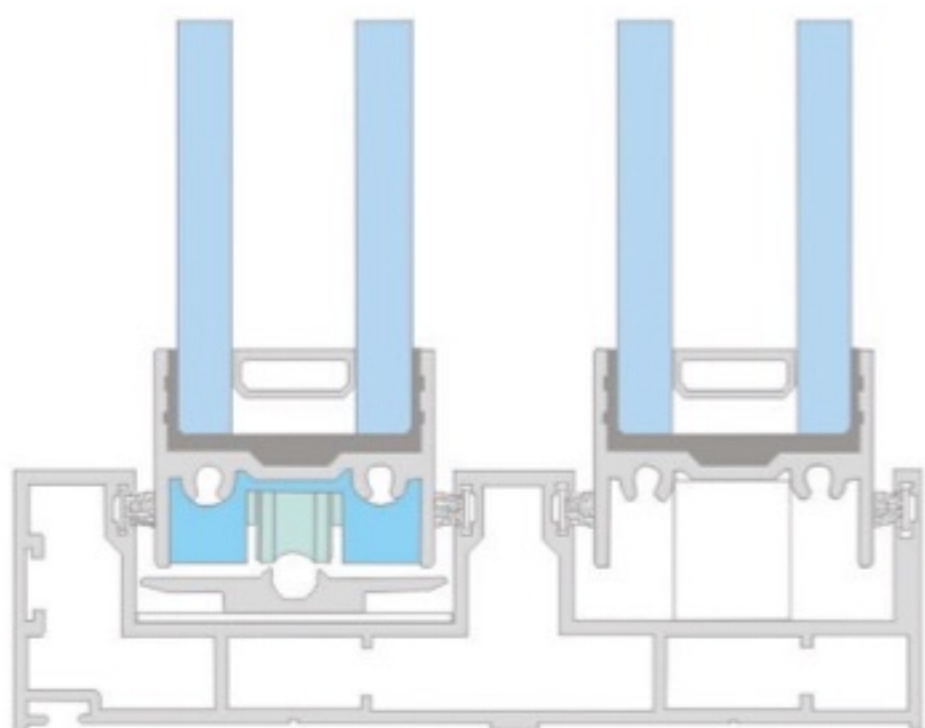
Attributes

Sight Line or Face Width	21mm onwards
Section Joint	'L' clamp fitting with grub screws
Sash Degree	90 degrees machine precision
Glass Thickness	34mm double glazed unit
Sliding Rail	Stainless Steel - 316
Roller Bearings	Stainless Steel - 316
Surface Finish	Powder Coating/PVDF/Anodized
Handle	180 degrees
Maximum Shutter Size	up to 8 sq m
Maximum Shutter Height	4.5m

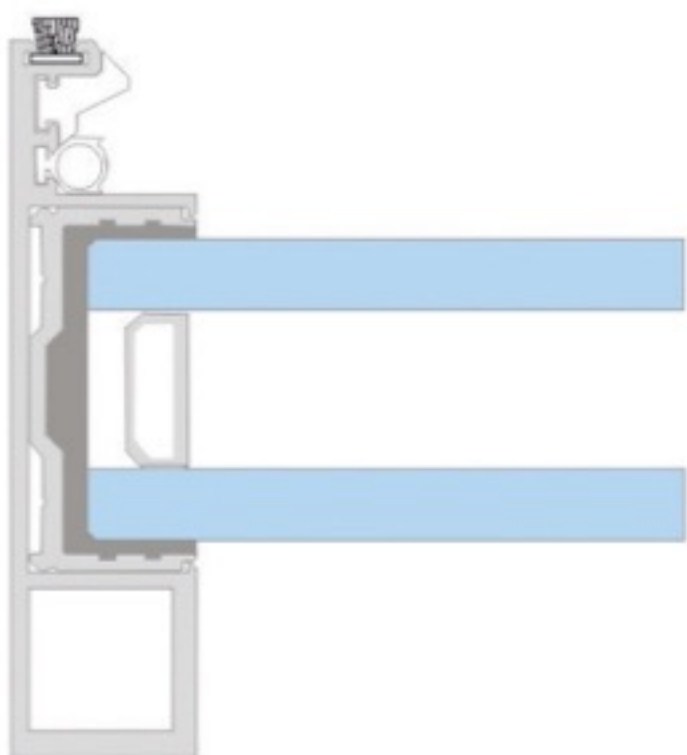
Details



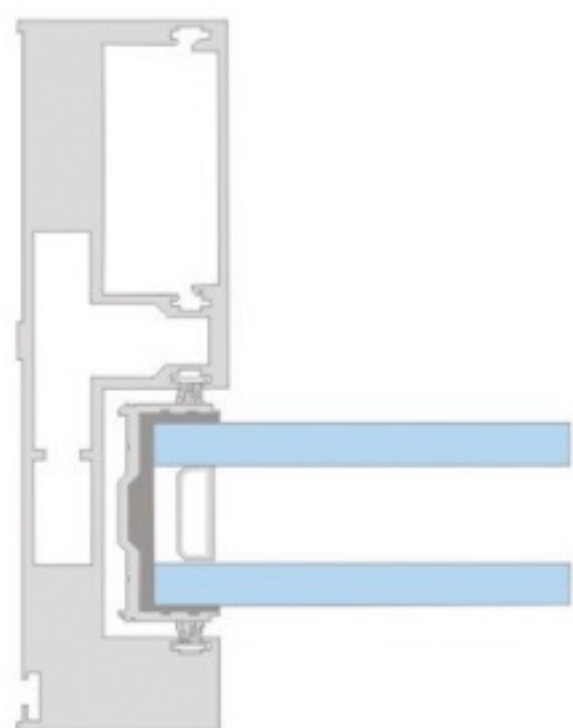
Top Section



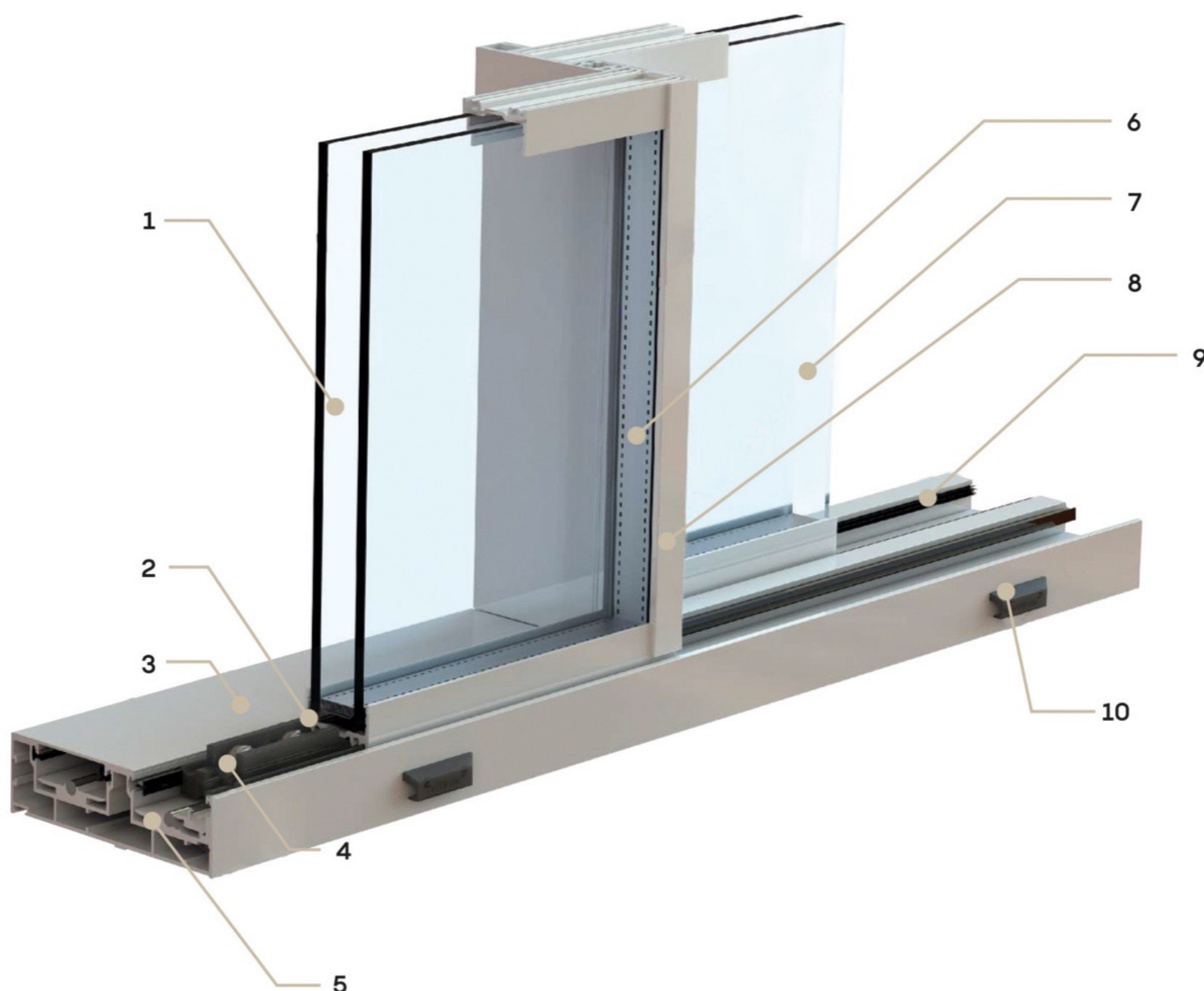
Bottom Section



Interlock With Handle



L & R Section



1. Argon Gas

The gap in the DGU is filled with argon gas to reduce thermal conductance.

2. Roller Bearings

Roller bearings are of 316 grade stainless steel having a load capacity of 200 kg each. This ensures the weight of the shutter is balanced between the bearings and leads to highly smooth operation. The bearing's cage is made of heavy nylon to provide sustained support in the long run.

3. Cover Profile

Adhering to our commitment to an aesthetically appealing and maintenance free window, we have designed a metal covering to encase the fixed shutter track. The cover profile acts as a protective shield, providing resistance against air, dust and water seepage. Furthermore, it seamlessly merges with the entire window unit to elevate its aesthetic value.

4. Auto Clean Brush

The bottom of the shutter is provided with brushes between the bearing cages to auto clean the track for the dust to be accumulated at the corners of the track which can easily be removed.

5. Rail

The rail is made of 316 grade stainless steel. This facilitates easy sliding operation with least resistance for the heaviest windows.

6. Perforations

They ensure moisture is not accumulated in the glass unit due to its anti-fog function.

7. Glass

The system provides flexibility in the type of glass that can be used. Some of the commonly used types of glass are DGU, DGU laminated, Sentry laminated, Reflective, Low-E & Burglar resistant options. These provide up to 38 dB sound reduction. The standard Slimline system has an 8mm outer glass, an 18mm spacer and an 8mm inner glass, which results in a 34mm double glazed unit.

8. Sight Line

The interlock/mullion between any 2 shutters is only 21mm thick.

9. Three Fin Wool Pile

This is a high quality brush used to prevent air, water and dust penetration into the track.

10. Drainage Slots

We have an integrated water management system, conducive even for torrential rain regions. The drainage slots are provided in each track of the profile to drain out water.



Elite Quality
For Safe &
Royal Window





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