

SLIDE series



ALUMINUM SLIDING SYSTEMS



SLIDE

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DESIGNED AND MANUFACTURED IN TEHNOMARKET



Zadržavamo pravo tehničkih promena i odstupanja od boja. © Tehnomarket doo 04/2020

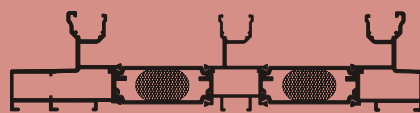
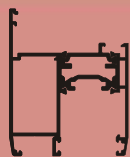
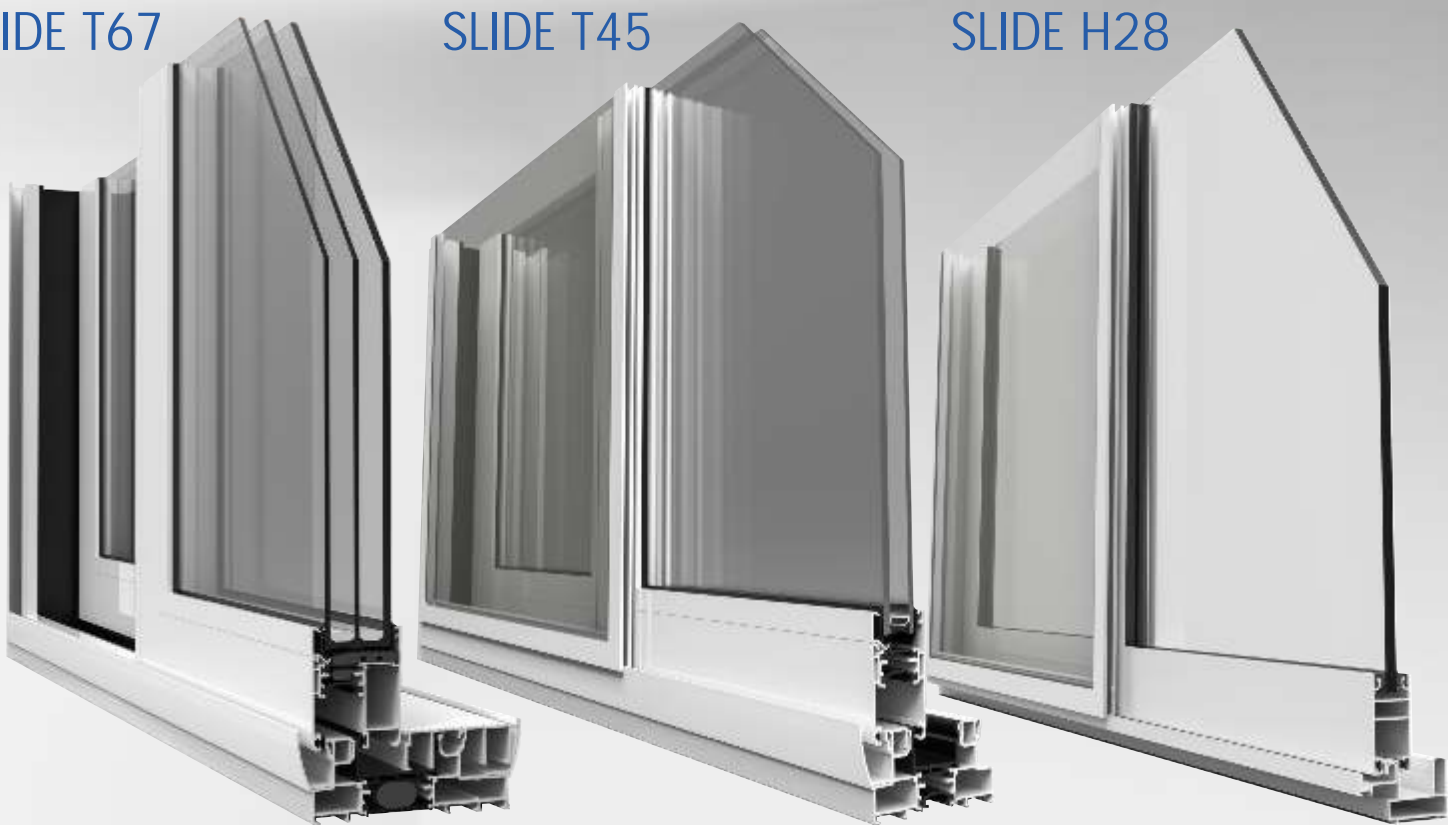


# CONTEMPORARY SLIDING SYSTEMS

SLIDE T67

SLIDE T45

SLIDE H28



## SLIDING SYSTEM CONCEPT

Aluminium sliding systems are designed to provide a different functional concept compared to standard windows and balcony doors. Current technical solutions allow for construction of elements with and without thermal break, with sash sliding parallel to a wall on frame-integrated rails that allow for sash/frame overlapping.



## MULTIPLE CONFIGURATIONS

Sliding system offers great flexibility of element layouts with two or three sliding rails and different combinations of up to six sliding and fixed sashes.



## LARGE GLASS SURFACES

Modern architectural trends and new technologies are constantly exploring new concepts and overcoming constraints. Sliding systems offer unparalleled glass surface dimensions that are not possible with any other type of window and door systems.



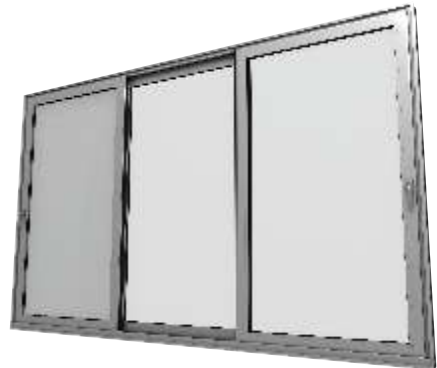
## DESIGN

Clever design with integrated drainage, sliding mosquito nets and optional lift and slide mechanism for opening is combined with clean, contemporary forms and luxurious materials.



Tehnomarket Slide series consists of 3 aluminum systems for production of sliding windows and balcony doors for modern construction and architectural applications. The profile options with and without thermal break allow for the Slide system applications in different climates and both exterior and interior of buildings.

Slide H28 system is mostly used in milder climates, without significant temperature oscillations throughout the year, and therefore accepts single and double glazing. Slide T45 system with thermal break is used in harsher climates where solid insulation is required, and offers the compatibility with double glazing packages. Third and most advanced system, Slide T67, is designed for very high standards of thermal insulation, therefore it features integrated polyimide stripes of increased width and special foam inserts in frame and sash, while being compatible with double and triple glazing packages.





## SLIDE T67

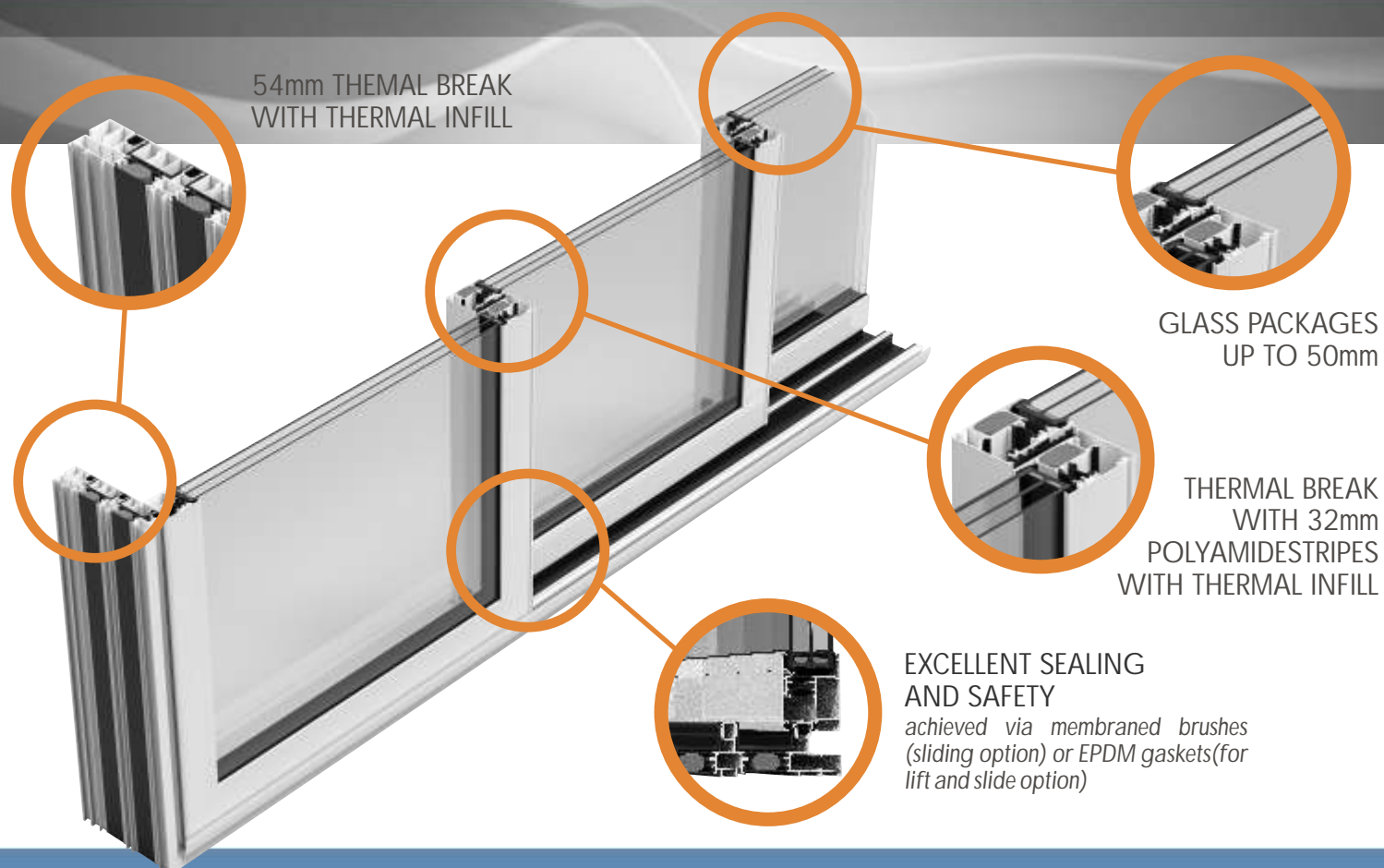


Tehnomarket's SLIDE T67 sliding aluminium system with thermal break and improved thermal performance is designed for the construction of sliding doors and windows of various dimensions. It is suitable for residential and commercial spaces, with wide range of available configurations for windows and doors. Perfectly suitable for modern architecture, because it allows designing freedom and construction of large glass surfaces for maximal light intrusion.

This system features two or three sliding rails and multiple functional configurations from two to six sash elements. As an additional option, all SLIDE T67 elements can be equipped with the flat, in-ground threshold with the clover profile. The 67mm wide sliding sashes can either be equipped with classic sliding or improved lift and slide mechanism for ease of operation. With its performance of  $U_f > 2,4 \text{ W/m}^2\text{K}$  and  $U_w > 1,0 \text{ W/m}^2\text{K}$ , T67 sliding system represents an ideal solution for modern architecture and transparent, wide glass surfaces.

## SLIDE T67

## IMPROVED PERFORMANCE

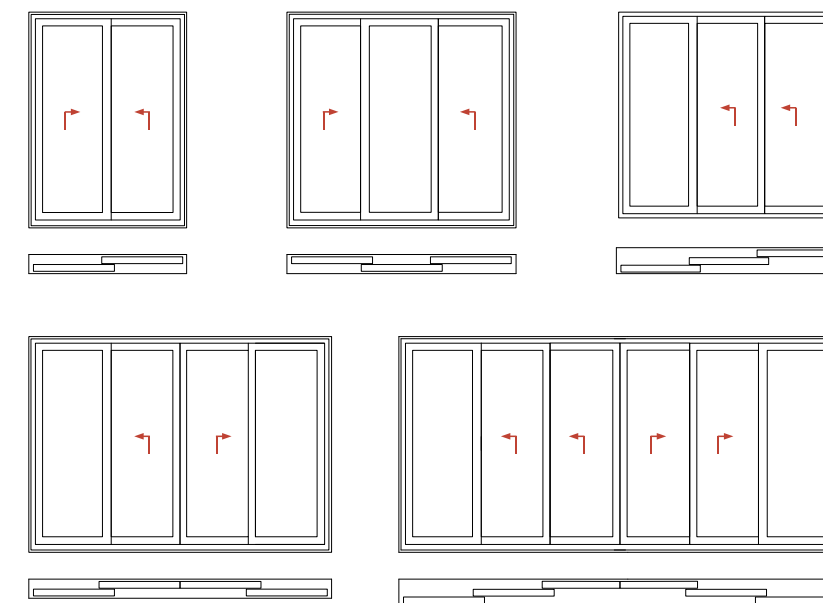


## THE EVOLUTION OF A SYSTEM



### CONFIGURATION OPTIONS

\*for both standard and lift&slide options



## ENERGY EFFICIENT SLIDING SYSTEM

### PERFORMANCE

SLIDE T67 system is compatible with glass packages from 24 to 50mm wide, that, together with 32mm thermal break with polyamide stripes offer exceptional insulation up to  $U_w > 1,0 \text{ W/m}^2\text{K}$  that comply with all contemporary building and construction standards.

### DESIGN

Elegant, robust appearance with visible frame width of 106mm and 67mm sash offers the perfect balance between static performance and large enlightened surfaces.

### DIMENSIONS

Great load bearing capacity and strength that allows construction of large sashes (up to 2100x2800mm and 200kgs) were specifically accounted for during the design of the SLIDE T67 system in order to follow modern architectural trends for large glazed openings and plenty of light.

### MODULARITY

SLIDE T67 sistem odlikuje se velikim brojem funkcionalnih opcija koje nude lako uklapanje u svaki tip enterijera. Podržane su verzije elemenata sa dve i tri klizne i maksimalnih 6 krila, troslojne staklene ispune velike širine, klasi no klizno i podizno-klizno otvaranje, kao i opcioni prag utopljen u pod.





# SLIDE T45

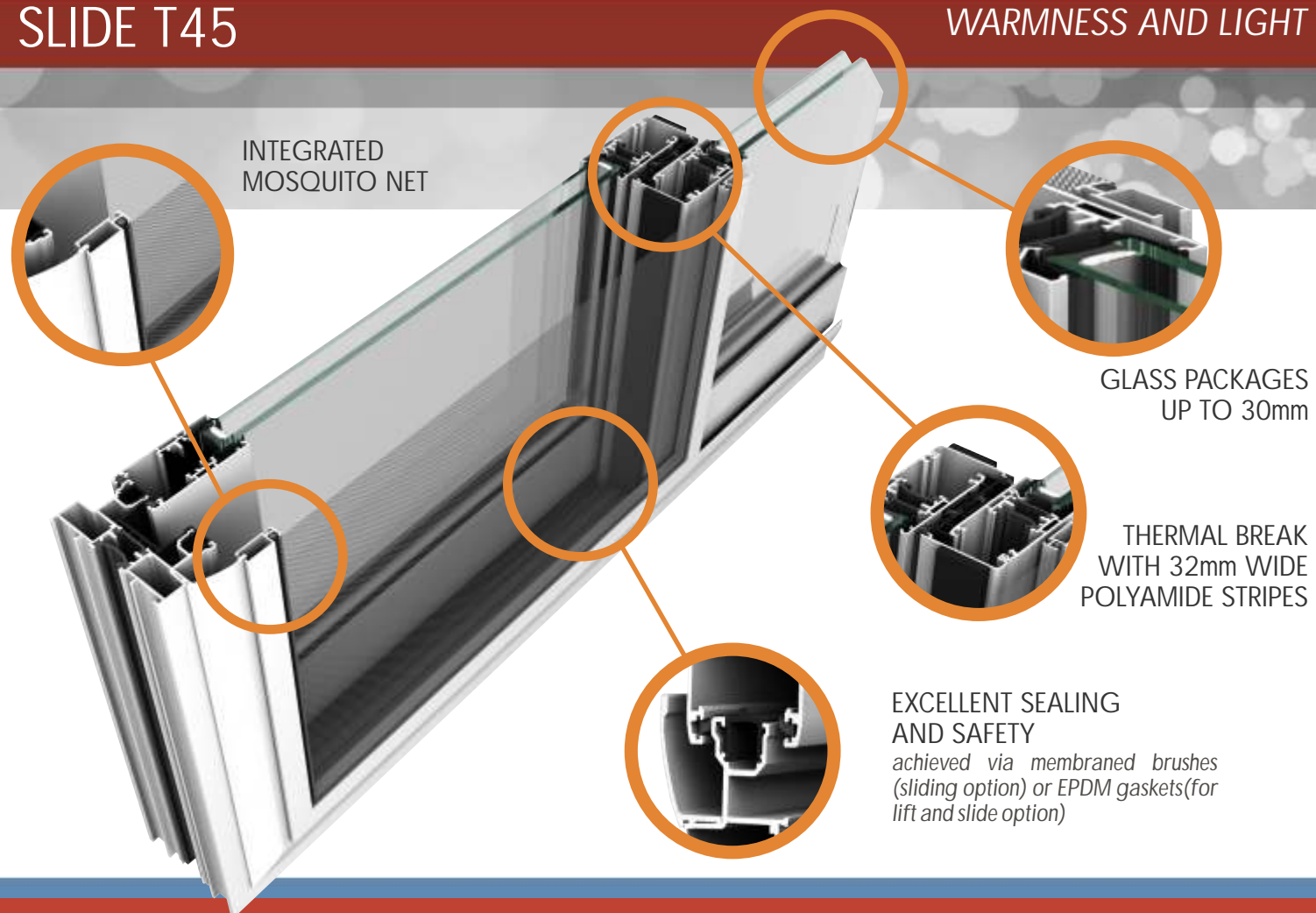


Tehnomarket's SLIDE T45 sliding aluminium system with thermal break is designed for construction of sliding doors and windows of various dimensions. It is suitable for residential and commercial spaces, with wide range of available configurations for windows and doors. Perfectly suitable for modern architecture, because it allows designing freedom and construction of large glass surfaces for maximal light intrusion.

This system features two or three sliding rails and multiple functional configurations from two to six sash elements. As an additional option, all SLIDE 45 elements can be equipped with sliding mosquito net. 45mm wide sliding sashes can either be equipped with classic sliding or improved lift and slide mechanism for ease of operation. With it's performance, sliding system represents an ideal solution for moder architecture and transparent, wide glass surfaces.

## SLIDE T45

## WARMNESS AND LIGHT



## IN TOUCH WITH NATURE

### CONFIGURATION OPTIONS

\*for both standard and lift&slide options



## INSULATED SLIDING SYSTEM

### INSULATION

SLIDE T45 system is compatible with glass packages 25mm to 30mm wide that, together with 32mm thermal break with polyamide stripes and excellent sealing via membraned brushes (slide option) or EPDM gasket (lift&slide option), offers exceptional performance for a sliding system

### DESIGN

Elegant, robust appearance with 106mm visible frame and 45mm sash width offers the perfect balance between static performance and large glass surfaces.

### LARGE DIMENSIONS

Great load bearing capacity and strength that allows construction of large sashes (up to 1900x2400mm and 190kgs) were specifically accounted for during the design of the SLIDE T45 system in order to follow modern architectural trends for large glazed openings.

### MODULARITY

SLIDE T45 system features numerous design options that enable easy integration in many types of interiors. Among other things, system supports two and three sliding rails, calssic sliding and lift & slide hardware and integrated insect nets on the separate rail.





## SLIDE H28

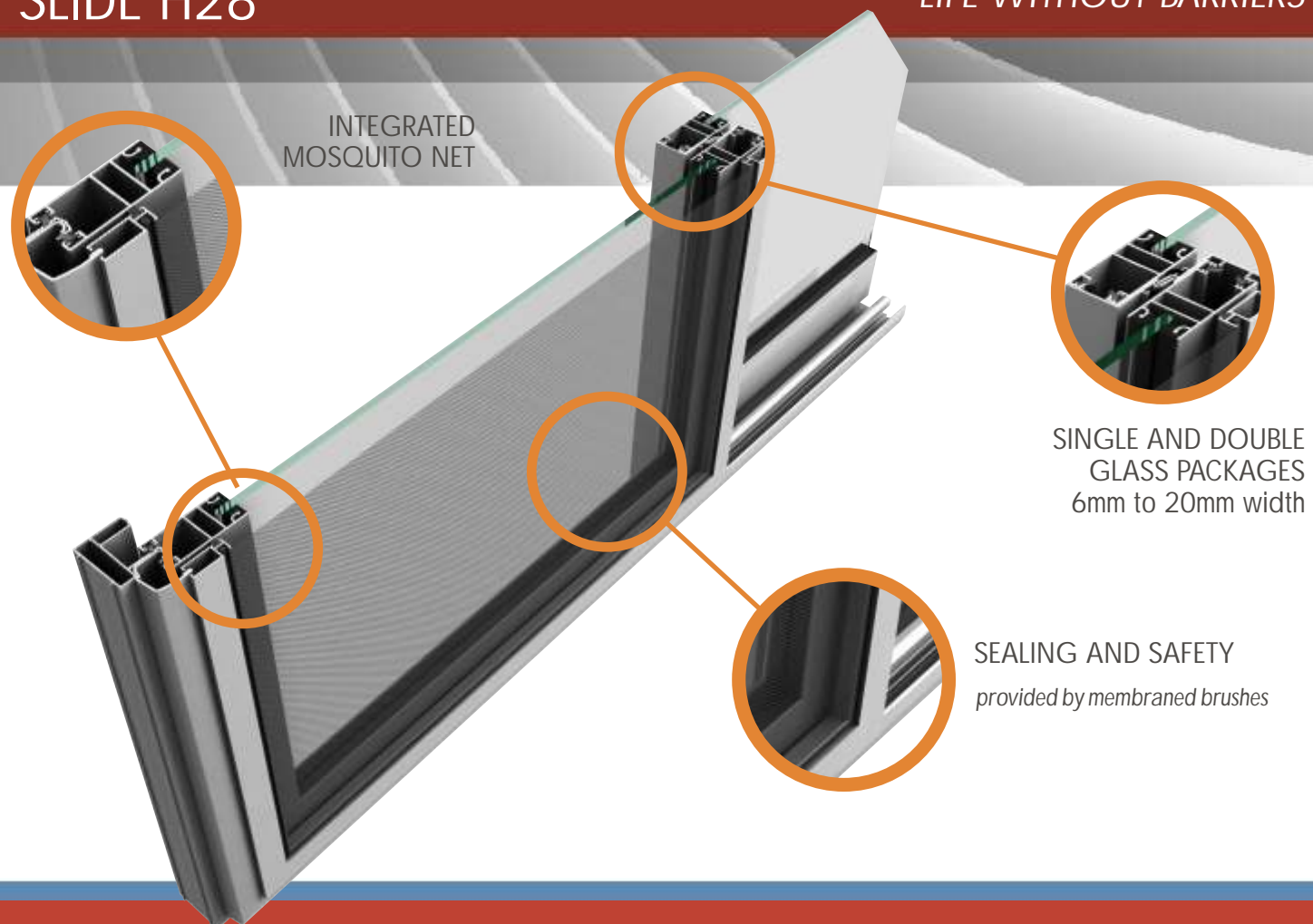


SLIDE H28, designed and manufactured by Tehnomarket, is an aluminium sliding system without thermal break for production of sliding positions of different sizes and configurations. The basic area of application for SLIDE H28 are the geographic zones that do not require high insulation values due to mild weather and climate conditions, as well as glazing of terraces and interior partitions where it excels, easily integrating in various residential and commercial spaces due to modern, elegant design.

This profile system is designed for production of elements with two or three sliding rails and maximum of 6 sashes, while an optional outer sliding insect net on independent rail is also available. The elegant sash profiles with only 28mm width can be glazed with single or double glass packages and equipped with any standard sliding hardware set for aluminium systems. The basic layout and features of sliding systems clearly position SLIDE H28 system as an optimal solution for glazing and blurring the boundaries between exterior and interior.

## SLIDE H28

### LIFE WITHOUT BARRIERS

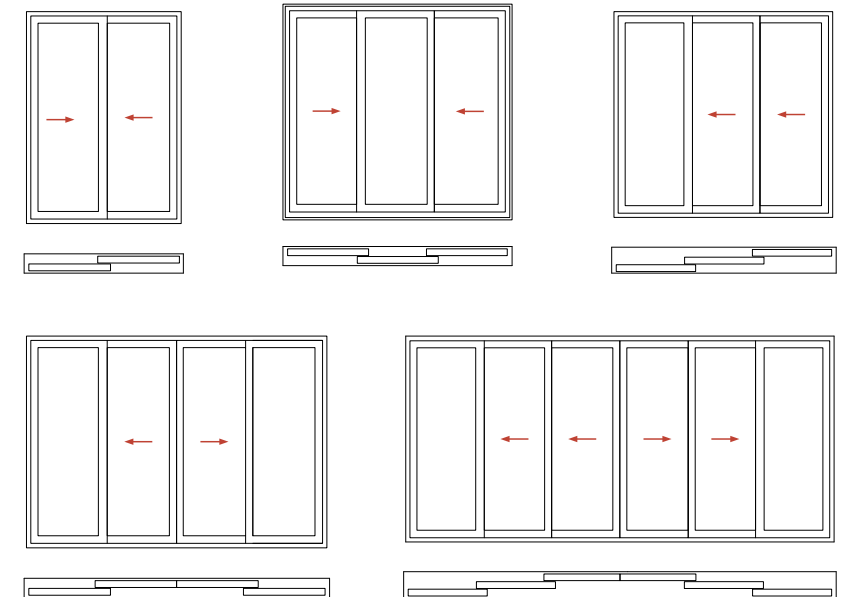


## MAXIMAL GLASS SURFACES



### CONFIGURATION OPTIONS

\*for standard slide option



## THE ELEGANT SLIDING SYSTEM

- FUNCTIONALITY**  
 The SLIDE H28 system was purposefully designed for manufacturing of windows and doors with maximum of 6 sliding sashes, suitable for both exterior and interior applications. The high adaptability and wide range of possible configurations allows for the widest application throughout the modern architectural projects.
- DESIGN**  
 Elegantly designed profiles feature narrow sash installation width of just 28mm, small visible surfaces and numerous surface treatment options like RAL powder coating, anodisation and special range of wood finish designs.
- TRANSPARENCY**  
 SLIDE H28 sliding system enables the direct contact with nature through maximal glass surface and high transparency of its light construction.
- LIGHTNESS**  
 Small cross-section surface of all SLIDE H28 profiles and minimal frame create a light, simple and economic aluminium profile system with high rigidity, suitable for manufacturing of different doors, windows and internal partitions.







Slide series is designed to be used in sliding windows and balcony door elements, and its aluminum profile construction offers the architects and investors a wide range of powdercoating coloras from RAL color chart, as well as numerous anodisation and wood patterned surfaces.

The hardware set used in Slide T45 and Slide T67 systems is custom designed, Italy sourced Giesse Gs100 that offers both slding and lift and slidie operation depending on the client preference. System Slide H28 has the universal groove and is compatible with sliding hardware sets from different manufacturers: Giesse, Fapim, Sobinco...

As a special option, Slide H28 and Slide T45 offer optional sliding mosquito nets on an independent rail.



COMPARATIVE  
SYSTEM OVERIEW



SLIDE T67



SLIDE T45



SLIDE H28

Uw (Uf)	1,0 (2,4)W/m2K	1,5 (4,0)W/m2K	
thermal break	●	●	
installation depth	150-233mm	106-167mm	45-100mm
infill thickness min-max	24-50mm	24-30mm	6-20mm
sash profile height	83mm	83mm	61mm
profile height	130mm	130mm	89mm
sash depth	67mm	45mm	28mm
sash number min-max	2-6	2-6	2-6
two rails	●	●	●
three rails	●	●	●