

SUPREME TKS650 PHOS

*Minimal Sliding insulated
system*



Description

The thermally insulated sliding system SUPREME S650 PHOS is the ideal solution for projects requiring wide spans with minimal aluminium sight lines. Massive yet elegant glazing surfaces are achieved while maintaining high functionality, performances and minimal architectural design.

ADVANTAGES



-> Enhanced natural light thanks to the system's minimal design and the wide glazing surfaces

-> High energy savings thanks to exceptional energy efficiency

-> High security level

-> Exceptional sound insulation

-> Ease of access according to specifications for people with special needs and children



-> Wide variety of typologies

-> Ideal for wide spans

-> Special hotels solutions

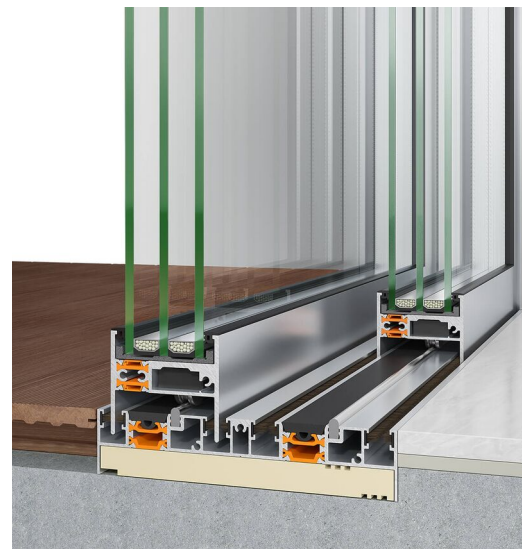
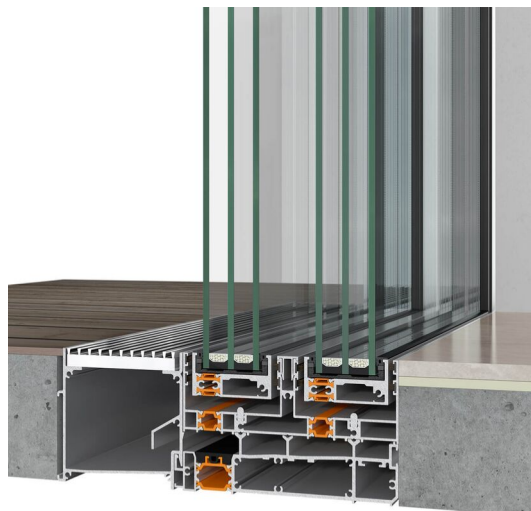
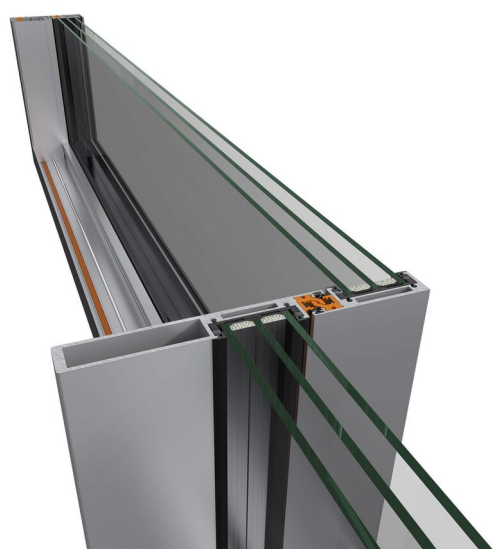
-> Increased static loads and functionality in case of severe weather conditions

-> Maximum ease of use and high functionality

-> Exceptional quality with certified performances

GENERIC CHARACTERISTICS

WINDOW TYPES	THERMAL INSULATION	EXTERIOR SHAPES	GLAZING TYPE
SLIDING	YES	FLAT	TRIPLE
AIR PERMEABILITY	WIND LOAD RESISTANCE	WATER TIGHTNESS	U _w
4	C2	9 A	1,1 W/M ² K
SASH WEIGHT	SEALING METHOD	BURGLAR RESISTANCE	SASH DEPTH
UP TO 600 KG	PERIMETRICAL WITH TRI-FIN BRUSHES	RC 2	62 MM
MAXIMUM GLAZING THICKNESS	MINIMUM VISIBLE ALUMINIUM FACE HEIGHT	TYPE OF THERMAL INSULATION	
46 MM	CONCEALED PROFILES	POLYAMIDES, PVC	
TYPES OF TYPOLOGY	MINIMUM VISIBLE ALUMINIUM FACE WIDTH AT THE CENTRAL VERTICAL COLUMN (INTERLOCKING PROFILE)		
HORIZONTAL SLIDING SASHES, MULTIPLE TRACKS, MEETING STILE, SLIDING INTO THE WALL CAVITY, CORNER TYPOLOGIES	25 MM		



Thanks to Alumil for all the photos and contents



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SUPREME TKS77

Hinged insulated system



Description

The system SUPREME S77 is proposal for advanced insulating casements, which meet the high standards of all advanced markets and incorporate a modern design. It is the ideal solution for projects that require high performance and maximum security.

ADVANTAGES

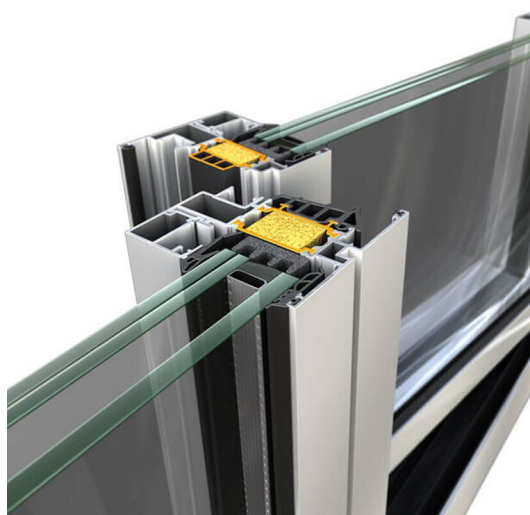


- > Modern design
- > Very high energy savings thanks to high energy efficiency (Passive House certified)
- > High security level
- > Exceptional sound insulation
- > Ease of access according to specifications for people with special needs and children
- > Wide variety of typologies and solutions
- > Special hotels solutions
- > Increased static loads and functionality in case of severe weather conditions
- > Exceptional quality with certified performances
- > Ease of use and high functionality



GENERIC CHARACTERISTICS

WINDOW TYPES	THERMAL INSULATION	EXTERIOR SHAPES	GLAZING TYPE
HINGED	YES	FLAT, CURVED	DOUBLE - TRIPLE
SOUND REDUCTION	WIND LOAD RESISTANCE	WATER TIGHTNESS	Uf
42 DB	C5/B5	E900	FROM 0,85 W/M2K
SASH WEIGHT	MINIMUM THRESHOLD HEIGHT	BURGLAR RESISTANCE	FRAME DEPTH
UP TO 180 KG	13 MM	RC 3	77 MM
MAXIMUM GLAZING THICKNESS	TYPE OF THERMAL INSULATION	TYPES OF TYPOLOGY	MINIMUM VISIBLE ALUMINIUM FACE HEIGHT
24 UP TO 72 MM	POLYAMIDES 40 MM WIDTH, ENERGY BAR, INSULATION FOAM	FOR ALL TILT & TURN TYPOLOGIES, PIVOT WINDOWS	93 MM
SEALING METHOD	MINIMUM VISIBLE ALUMINIUM FACE WIDTH AT THE CENTRAL VERTICAL COLUMN (ADJOINING PROFILE)		
PERIMETRICAL AT 3 LEVELS WITH EPDM & FOAM EPDM GASKETS	122 MM		



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SMARTIA TKM630 PHOS

*Minimal Sliding insulated
system*



Description

The sliding system SMARTIA M630 PHOS offers a minimal touch in contemporary residences combining minimal design with high thermal performance. Following the “less is more” philosophy, all aluminium profiles can be hidden into the wall providing a total sense of comfort with top functionality and enhanced safety.

ADVANTAGES



-> Enhanced natural light thanks to the system's minimal design and the wide glazing surfaces

-> High energy saving thanks to the exceptional thermal performance

-> Exceptional sound insulation

-> Ease of access ideal for children, the elders and people with special needs

-> Wide variety of typologies

-> Special hotels solutions

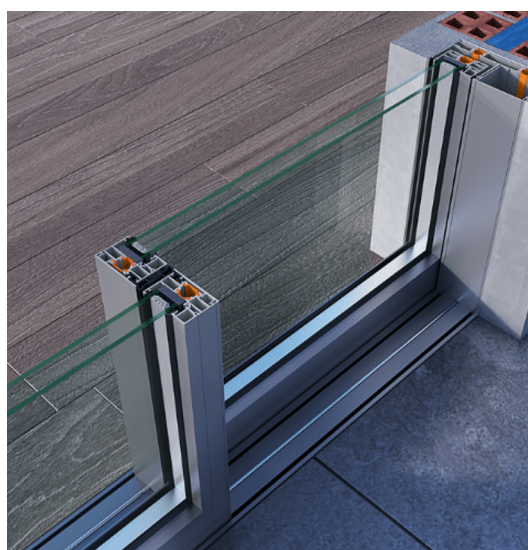
-> Maximum ease of use and high functionality

-> Exceptional quality with certified performance



GENERIC CHARACTERISTICS

WINDOW TYPES	THERMAL INSULATION	EXTERIOR SHAPES	GLAZING TYPE
SLIDING	YES	FLAT	TRIPLE
AIR PERMEABILITY	WIND LOAD RESISTANCE	WATER TIGHTNESS	U _w
3	C5	7 A	1,43 W/M ² K
SASH WEIGHT	SEALING METHOD	MINIMUM THRESHOLD HEIGHT	SASH DEPTH
UP TO 250 KG	PERIMETRICAL WITH TRI-FIN BRUSHES	32 MM	63 MM
MAXIMUM GLAZING THICKNESS	MINIMUM VISIBLE ALUMINIUM FACE HEIGHT	TYPE OF THERMAL INSULATION	SOUND REDUCTION
32 MM	CONCEALED PROFILES	POLYAMIDES, PVC	42DB
TYPES OF TYPOLOGY	MINIMUM VISIBLE ALUMINIUM FACE WIDTH AT THE CENTRAL VERTICAL COLUMN (INTERLOCKING PROFILE)		
HORIZONTAL SLIDING SASHES, MEETING STILE, COMBINATIONS WITH FIXED LIGTHS	44 MM		
SURFACE TREATMENTS			
WOOD SUBLIMATION , ANODIZING COLORS, ALL POWDER COATING			



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SUPREME TK S700

*Lift & slide insulated
system*



Description

The lift & slide system SUPREME TKS700 represents the new generation of high-end systems. It is an excellent solution for projects with demanding requirements, meeting the trend of “transparent” architecture through extensive glass surfaces, with high thermal insulation, safety and modern design. Its minimal design and its various innovative characteristics, make it the ideal option for projects requiring wide spans for enhanced daylight, outstanding performance and maximum ease of use.

ADVANTAGES



-> Maximum ease of use and high functionality, optionally combined with automatic motion

-> Enhanced natural light thanks to the wide glazing surfaces

-> High energy savings thanks to the exceptional energy efficiency

-> High security level

-> Exceptional sound insulation

-> Ease of access

-> Wide variety of typologies and solutions

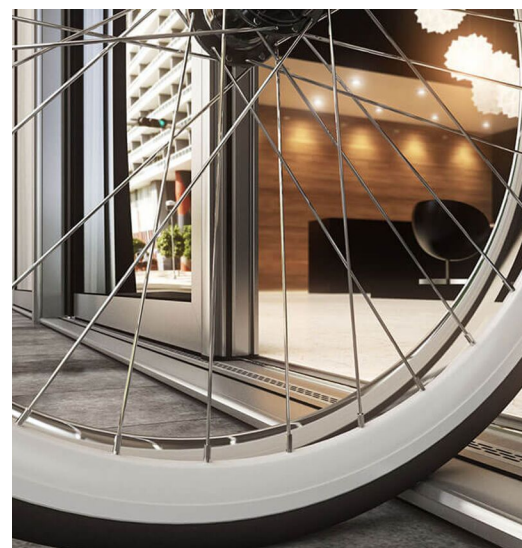
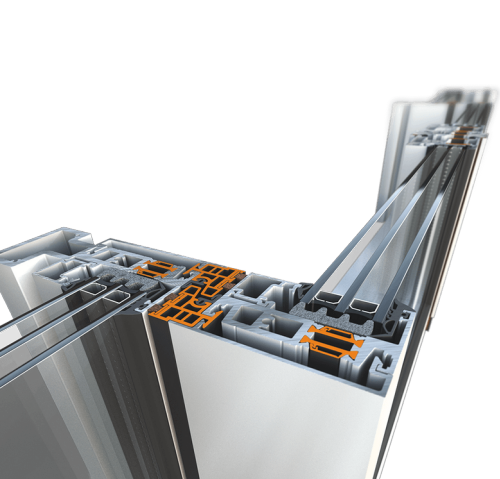
-> Exceptional quality with certified performances

-> Increased static loads and functionality in case of severe weather conditions



GENERIC CHARACTERISTICS

WINDOW TYPES	THERMAL INSULATION	EXTERIOR SHAPES	GLAZING TYPE
LIFT & SLIDING	YES	FLAT	DOUBLE - TRIPLE
AIR PERMEABILITY	WIND LOAD RESISTANCE	WATER TIGHTNESS	UF
4	C4/B4	9 A	FROM 2,3 W/M ² K
SASH WEIGHT	SEALING METHOD	MINIMUM THRESHOLD HEIGHT	SASH DEPTH
UP TO 400 KG	PERIMETRICAL WITH EPDM GASKETS & TRI-FIN BRUSHES	24 MM	70 MM
MAXIMUM GLAZING THICKNESS	MINIMUM VISIBLE ALUMINIUM FACE HEIGHT	BURGLAR RESISTANCE	MECHANISM
22 UP TO 50 MM	115 MM	RC2	LIFT & SLIDE MECHANISM
TYPE OF THERMAL INSULATION	MINIMUM VISIBLE ALUMINIUM FACE WIDTH AT THE CENTRAL VERTICAL COLUMN (INTERLOCKING PROFILE)		
POLYAMIDES, ALUMIL ENERGY BAR, INSULATION FOAM, PVC	47 MM		
TYPES OF TYPOLOGY	HORIZONTAL SLIDING SASHES, MULTIPLE TRACKS, MEETING STILE, SLIDING INTO THE WALL CAVITY, CORNER TYPOLOGIES		



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SMARTIA TKS67 PHOS

Hinged insulated system



Description

SMARTIA TKS67 phos is the new complete Tilt & Turn system , which combines outstanding thermal insulation performances along with high construction flexibility and exceptional design.

ADVANTAGES



-> Very good value for money

-> High energy savings due to the high energy efficiency of the system

-> Increased level of security

-> High level of sound insulation

-> Ease of use and high functionality

-> Modern design for windows either with flat or curved line



-> Ease of access according to specifications for people with special needs and children

-> High quality with certified performances

-> Increased static loads and functionality in case of severe weather conditions

GENERIC CHARACTERISTICS

WINDOW TYPES	THERMAL INSULATION	EXTERIOR SHAPES	GLAZING TYPE
HINGED	YES	FLAT	DOUBLE - TRIPLE
AIR PERMEABILITY	FRAME DEPTH	WATER TIGHTNESS	UF
4	FOR ALL TILT & TURN TYPOLOGIES	E900, E1200	FROM 1,1 TO 2,6 W/M²K
SASH WEIGHT	SEALING METHOD	MINIMUM THRESHOLD HEIGHT	SASH DEPTH
UP TO 180 KG	PERIMETRICAL AT 3 LEVELS WITH EPDM GASKETS	13 MM	75 MM
MAXIMUM GLAZING THICKNESS	MINIMUM VISIBLE ALUMINIUM FACE HEIGHT	BURGLAR RESISTANCE	MECHANISM
UP TO 58 MM	93 MM	RC3	EURO-GROOVE, EURO-NUT
TYPE OF THERMAL INSULATION		MINIMUM VISIBLE ALUMINIUM FACE WIDTH AT THE CENTRAL VERTICAL COLUMN (INTERLOCKING PROFILE)	
30MM FIBER GLASS POLYAMIDES, PE INSULATION FOAM		67 MM	
TYPES OF TYPOLOGY			
FOR ALL TILT & TURN TYPOLOGIES			



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SUPREME TKSF85

Insulated Folding Doors



Description

A world-class highly insulated folding door system with bottom-slide operation, which combines minimal aesthetics with outstanding performance, very large dimensions with literally low sight lines, enhanced burglar protection with a very large variety of solutions.

ADVANTAGES



-> Very large dimension in terms of height (up to 4.0m), vent width (up to 1.5m) and total span width

-> Amazingly reduced sight lines which contributes to the overall minimal design

-> Extensive variety of solutions, with odd and even number of vents, corner construction, semi-structural vent version, inwards and outwards opening

-> Extreme performance in terms of air permeability, wind load resistance and water tightness



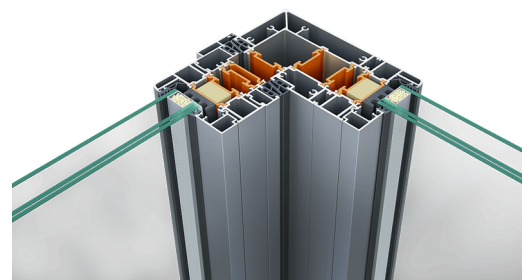
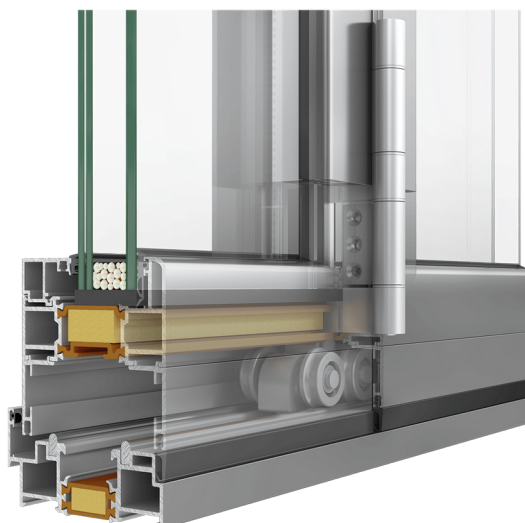
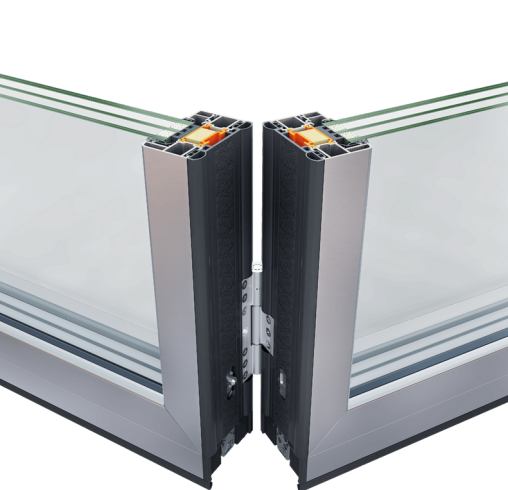
-> Significant energy and cost saving due to the excellent thermal insulation and U-values (as low as 1.0 W/m²K)

-> Enhanced levels of security and burglar protection, meeting all sector security standards

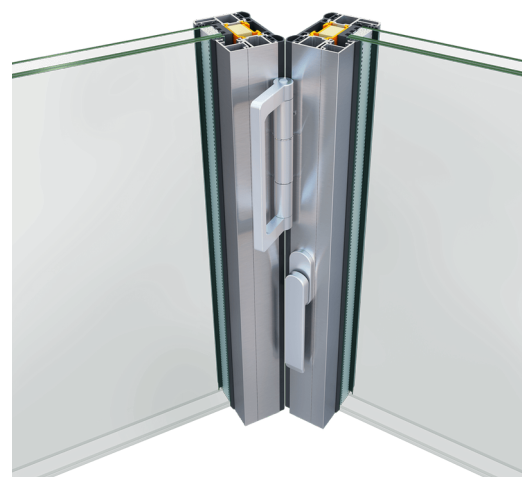
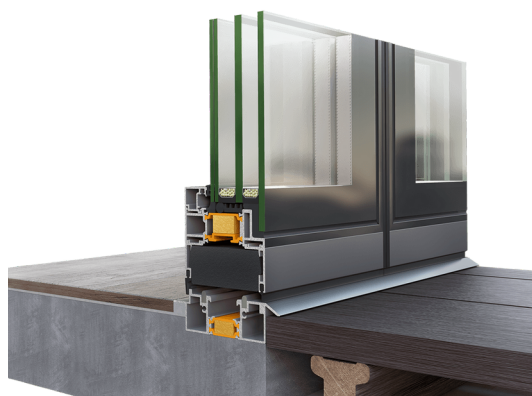
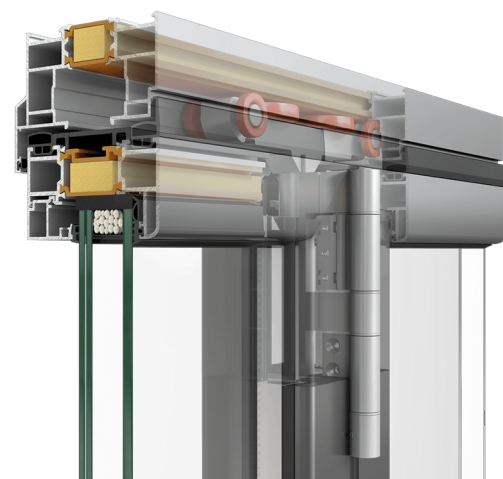
-> Smooth operation and long-lasting flawless functionality

GENERIC CHARACTERISTICS

PANEL TYPE	THERMAL INSULATION	VISIBLE ALUMINIUM	MAXIMUM WEIGHT
BOTTOM SLIDE	YES	105MM	200KG/ VENT
AIR PERMEABILITY	WIND LOAD RESISTANCE	WATER TIGHTNESS	UF
4	CLASS C3/B3	7A	1.1 W/M ² K, IFT
MAXIMUM HEIGHT	SASH WIDTH	GLAZING	POLYAMIDE
4,0 M	85 MM	21-58MM	DOUBLE 40MM
MAXIMUM PANEL WIDTH	MAIN GASKET	BURGLAR RESISTANCE	LOCKING
1,5 M	SINGLE FROM CO-EXTRUDED EPDM AND FOAM	RC2 IFT & PAS24 (UK)	QUADRUPLE LOCKING LATCHES
PANEL	APPLICATIONS		
ALUMINIUM FRAMED PANEL, SEMI-STRUCTURAL PANEL	RESIDENTIAL WITH 1.5M PANEL WIDTH, COMMERCIAL WITH 4.0M PANEL HEIGHT, HIGH-END PROJECTS		
EXTRA INSULATING FITTINGS	AESTHETICS		
ENERGY BAR INSULATION AND PE INSULATION FOAM	MINIMAL, RELATIVELY LOW SIGHT LINE		



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