

# ARKIWORK

GLASS | PVC | ALUMINUM



## Pvc and Aluminium Windows

We have an annual capacity of 480,000 mt with our system series and certificates in accordance with the standards of all countries of the world.



## Architectural Glasses

We are at your service with our annual production capacity of 650,000 m2 in the areas of Tempered, Laminated, Insulating Glass.



## Roller Shutter and Garage Doors

PVC monoblock and aluminium top mounted roller shutter boxes, integrated insect screen solutions, sectional and industrial garage doors.

[www.arkiwork.com](http://www.arkiwork.com)



# Who We Are ?

**Arkiwork** is a system company established in 2019 for the production of qualified door and window systems that comply with the technical, structural and certification requirements of the regions where it does business.

Good company and good discourse are  
the very sinews of virtue “

**Arkiwork** works with the aim of being the system solution leader of today and the future in terms of the products and services it offers worldwide. To this end, the company constantly tries and develops new products and services for all construction projects, taking into account current market trends and standards. **Arkiwork** works with more than 150 developers, architects and investors and sells to more than 20 countries around the world.

# Our Vision And Mission

Arkiwork aims long and sustainable relationships with its partners. With its expert technical team, it serves in parallel with the principles of modern architecture for your projects, professionally processes the details that reveal the quality and aesthetics in the basic stages of the projects and produces works where you can see the working discipline in every detail



## Project Analysis

To produce with the right product by doing in-depth studies with all the details for each project.



## Competitive

Investing in developing products and technologies by constantly following the innovations of the sector.



## Suitability And Quality

To complete the product type and quality standards suitable for the markets we export to with the necessary certificates.



## Sustainability

To be in constant communication with our customers to establish long-term and deep-rooted relationships.

“ One of our most important issues has been to deliver the products correctly on the delivery dates we have given to our customers. ”

# Partners and Systems

Our partners, which we produce, have entered world standards and established superior dominance in all markets. **Arkiwork's** motivation when determining its partners is the attitude of the countries it sells to the brands and the compliance of its standards with all regions.



**KÖMMERLING®**

70 AD, 76 AD, 88 MD  
K-Vision NL  
Prime Slide 76  
Prime Door 76 HST

 **VERATEC**

French Maxi Riviera  
Holland Maxi Empire  
HST Lift and Slide

**sapa:**  
Innovative aluminium solutions

Avantis 70  
Confort 125



**Reynaers  
Aluminium**

CS/Concept System 77  
Concept Patio 130



# KÖMMERLING®

## SYSTEM 70 AD

KÖMMERLING 70 AD window system is based on an innovative 5-chamber technology. Above all, the use of modern triple glazing or special functional glazing up to 44 mm thick significantly improves heat and sound insulation values. A comprehensive range of accessories makes it possible to replace your old windows with new ones without any problems.

### Advantages

- ▶ Classic window design with thin profile views.
- ▶ In this way, it provides increased thermal insulation with a  $U_f$  value of up to  $1.2 \text{ W} / (\text{m}^2\text{K})$ .
- ▶ Sound Insulation  $R_w$  : bis 47 dB
- ▶ Air Permeability: bis Class 4
- ▶ Anti-theft protection: bis RC 2
- ▶ Rain Sealing bis 9A
- ▶ Wind Resistance : bis B5
- ▶ It provides the opportunity to use triple glazing or special functional glazing up to 44 mm thick.
- ▶ Production with only calcium/zinc based lead-free stabilizers



# KÖMMERLING®

## SYSTEM 76 AD

KÖMMERLING 76 AD system offers you all the benefits of the modern window. The five-chamber system with a base width of 76 mm is distinguished by its modern design and the perfect harmony of the profiles. It meets all current and future demands, from function, structural properties and insulation values to environmental protection.

### Advantages

- ▶ Energy cost savings with  $U_f = 1.1 \text{ W}/(\text{m}^2 \text{ K})$  thermal insulation value provided in the standard version
- ▶ Increased quality of life with excellent sound insulation
- ▶ More security against theft with integrated security accessories
- ▶ Easy maintenance with durable and weather resistant surfaces
- ▶ Preservation of its value thanks to long-lasting high quality
- ▶ Possibility to apply aluminum caps
- ▶ Production only with calcium/zinc based lead-free stabilizers



Check out the next page for AluClip.

# KÖMMERLING®



## SYSTEM 76 AD ALUCLIP

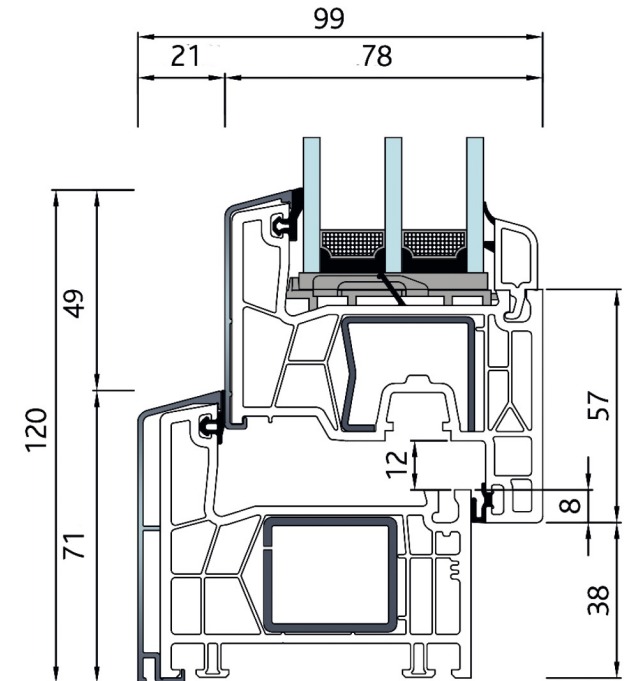
The AluClip system, which was developed as an alternative to aluminum windows as a need of the developing modern architecture today, is integrated with the Kömmerling 76 AD system and offers the combination of two different materials.

With its functions, harmony with building physics, insulation values and environmentally friendly special formula, it meets all current and future demands. In the Kömmerling 76 AD system, glass thicknesses up to 48 mm can be used with triplex glass application.

- ▶ Outstanding thermal insulation compared to aluminum profiles:  $U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$
  - ▶ Wide glazing range up to 48 mm for the use of triple glazing and special functional glazing
  - ▶ Aluminum look on the outside, natural white on the inside
  - ▶ Unlimited color options on the outer surface thanks to anodizing and other painting techniques
  - ▶ Conservation of resources thanks to the use of low amount of aluminum material
  - ▶ Easy maintenance, robust and long-lasting
- All plastic profiles are produced only with calcium/zinc based lead-free stabilizers



	Wärmedurchgangskoeffizient bis zu $U_f = 1,2 \text{ W}/(\text{m}^2\text{K})$
Farben und Oberflächen in nahezu unbegrenzter Vielfalt	
	$U_w = 1,0 \text{ W}/(\text{m}^2\text{K})$ bei 1230 x 1480 mm mit $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$ , $\psi_i = 0,032$







# KÖMMERLING®

## SYSTEM 88 MD

KÖMMERLING 88 MD is a highly insulated, 7-chamber mid-seal system with a base width of 88mm. While the system reaches an insulation value of  $U_f = 0.95 \text{ W}/(\text{m}^2\text{K})$  with standard equipment, it easily meets the high "Passive house" energy insulation requirements. The special case here is that, unlike similar solutions, the value in question can be achieved even with the use of the reinforcement sheet required to achieve maximum dimensions, as well as the use of colored profiles.

### Advantages

- ▶ Maximum light and solar energy gain with straight-line narrow-looking profile design
- ▶ Insulation value  $U_f = 0.95 \text{ W}/(\text{m}^2\text{K})$  in accordance with "Passive House" specified in double norm WA-15/2.
- ▶ Wide glazing range up to 56 mm for the use of triple glazing and special functional glazing
- ▶ Safe handling of high glass weight thanks to centrally located support plates
- ▶ Different surface options in classic white, plain, wooden and metallic colors and patterns
- ▶ Production with only calcium/zinc based lead-free stabilizers



Check out the next page for AluClip.

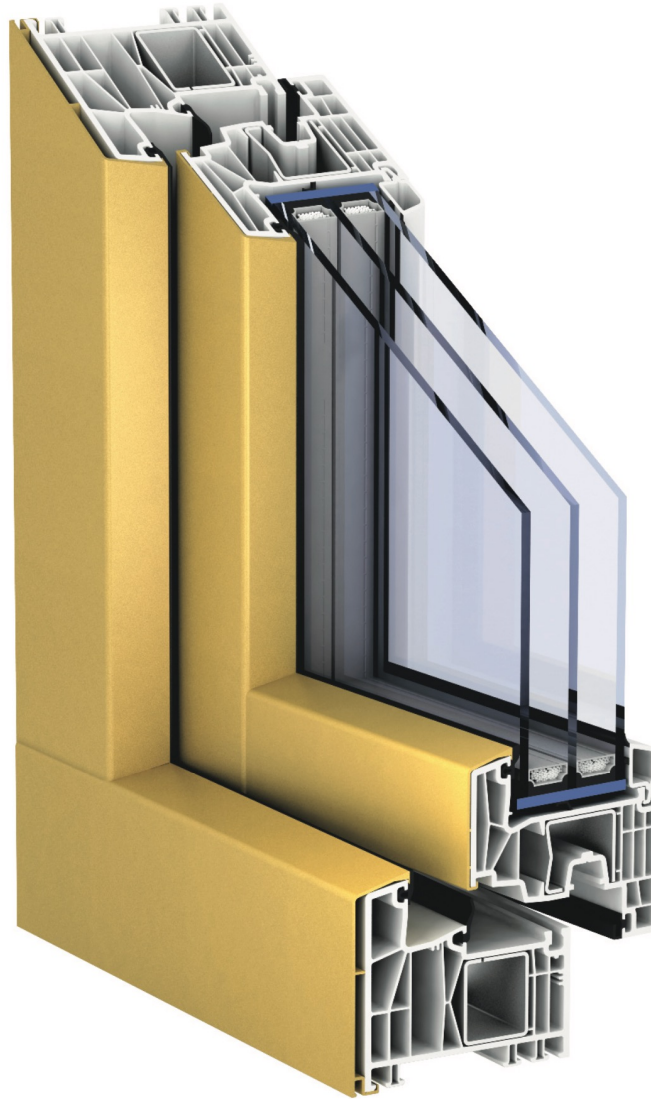




# KÖMMERLING®

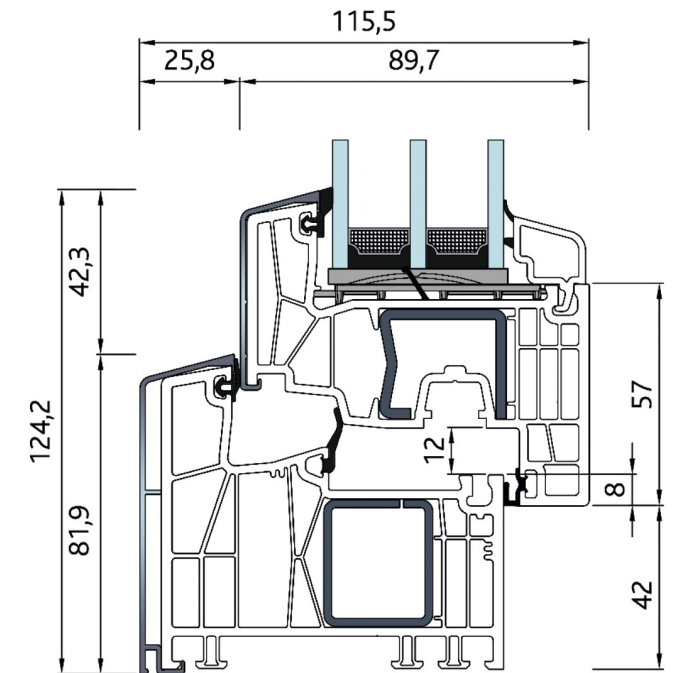
## SYSTEM 88 MD ALUCLIP

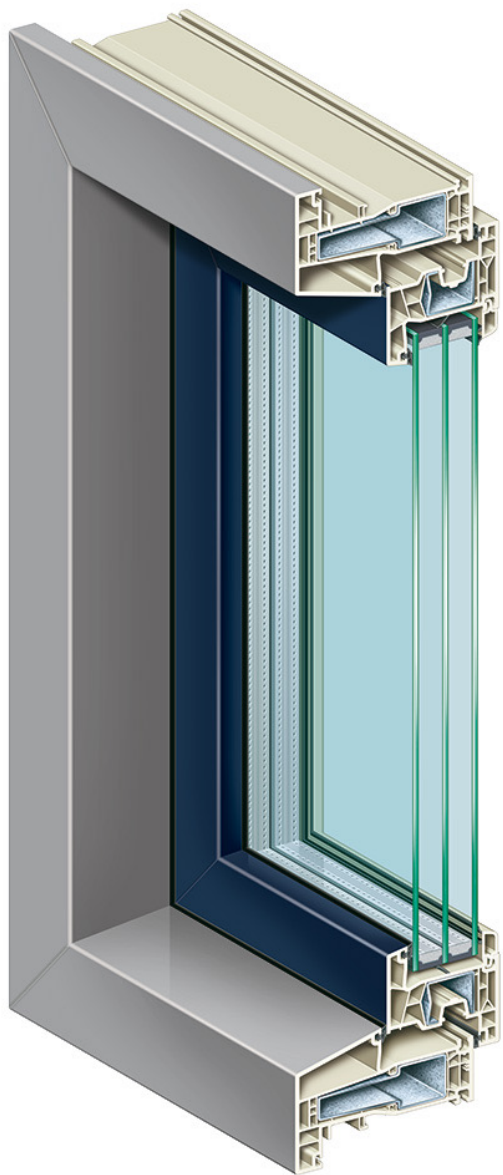
With the aluminum coating system AluClip, the elegant aluminum design with almost unlimited color options is combined with the most modern plastic profile system KÖMMERLING 88 with optimum insulation values. It is convincing on windows with its aluminum material, elegance, weather resistance and easy maintenance. On the other hand, plastic offers high functionality as well as optimal heat and sound insulation.

- ▶ Outstanding thermal insulation compared to aluminum profiles:  $U_f = 1,2 \text{ W/(m}^2\text{K)}$
- ▶ Wide glazing range up to 56 mm for the use of triple glazing and special functional glazing
- ▶ Aluminum look on the outside, natural white on the inside
- ▶ Unlimited color options on the outer surface thanks to anodizing and other painting techniques
- ▶ Conservation of resources thanks to the use of low amount of aluminum material
- ▶ Easy maintenance, robust and long-lasting
- ▶ All plastic profiles are produced only with calcium/zinc based lead-free stabilizers.



	Wärmedurchgangskoeffizient bis zu $U_f = 1,0 \text{ W/(m}^2\text{K)}$
Farben und Oberflächen in nahezu unbegrenzter Vielfalt	
	$U_w = 0,74 \text{ W/(m}^2\text{K)}$ bei 1230x1480 mm mit $U_g = 0,5 \text{ W/(m}^2\text{K)}$ , $\psi_i = 0,032$





# KÖMMERLING®

## K-VISION - NL PROFILE

KÖMMERLING K-VISION is a rebate seal system developed on the basis of the successful K-vision and KÖMMERLING 76 systems for the Dutch window market. Impressive in terms of thermal insulation, convincing in design and with many intelligent unique selling points, the KÖMMERLING K-VISION fascinates all along the line.

### Advantages

- ▶ High cost and energy savings through 5 chamber technology – Uf value from 1.4 to 1.0 W/(m<sup>2</sup>K).
- ▶ Installation depth 120 mm (frame) or 76 mm (sash).
- ▶ Glazing from 16-48 mm possible.
- ▶ K-VISION Cube – Unique shape with high stability.
- ▶ Alternative exterior look – wooden window look.
- ▶ Historic sliding casement design – city window.
- ▶ proCoverTec: Innovative surface technology.



# KÖMMERLING®

## PRIME SLIDE 76

KÖMMERLING PremiSlide 76 offers more design freedom, especially when used as a window system, with the sliding function being an interesting alternative to casement systems. Because while the wing moves on the rail instead of opening inward, but at the same time providing full insulation and security; modern design concept and offers much more space for individual room comfort. This sliding system offers completely new possibilities for sliding doors, windows or side entrance doors.

### Advantages

- ▶ PremiSlide 76 is a new and innovative sliding system with a thickness of 158 mm.
- ▶ Based on the KÖMMERLING 76 AD system.
- ▶ It can be used as a sliding window, sliding door or side entrance door.
- ▶ Standard thermal transmittance coefficient  $U_f 1.4 \text{ W/(m}^2\text{K)}$
- ▶ Glazing spacing up to 50 mm for triple glazing application
- ▶ Accessory systems "ECO SLIDE" from Siegenia
- ▶ Sensitive and controlled ventilation function
- ▶ Easy and comfortable operation





# KÖMMERLING®

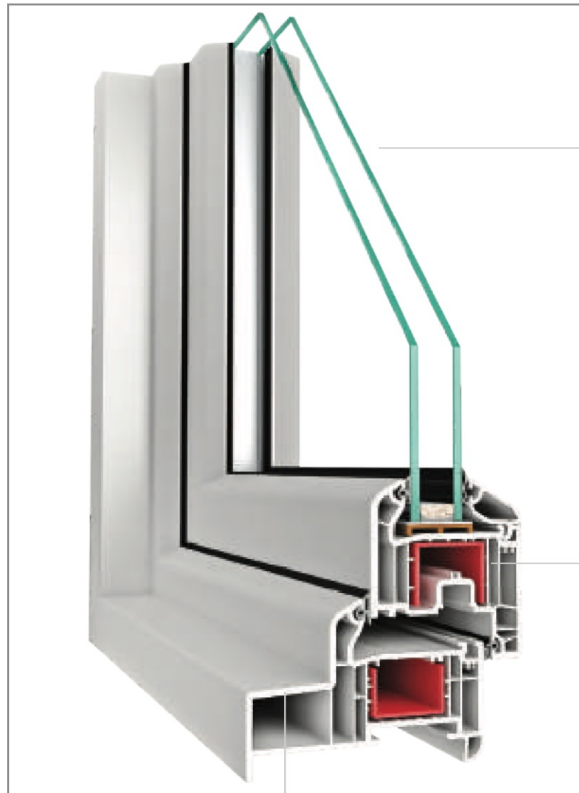
## PRIME DOOR 76 - HEBESHIEBE TÜREN

KÖMMERLING PrimeDoor 76, with its pass-through five-chamber design and base width of only 179 mm, the PremiDoor 76 is ideal for renovations. Glazing can be made up to 50 mm thick. The narrow profiles, designed as 65 mm in the chassis, 100 mm in the wing and 103 mm in the middle joint, mean more light and more freedom. Lift-and-slide doors can be produced up to 6.50 meters wide and 2.60 meters high.

### Advantages

- ▶ PremiDoor 76, innovative lift-slide door system with 76 mm leaf width.
- ▶ Barrier-free threshold system in accordance with standards
- ▶ Possibility of maximum 6.50 m width x 2.60 m height with white profiles
- ▶ Uf - average = 1.4 W (m<sup>2</sup>K) thermal insulation.
- ▶ Unique sealing feature with large volume central gasket in the middle joint
- ▶ A stylish and elegant line with a blade surface width of only 100 mm.
- ▶ Comfortable handling during opening and closing.
- ▶ Different surface options in classic white, plain, wooden and metallic colors and patterns
- ▶ Production with only calcium/zinc based lead-free stabilizers

# MAXI RIVIERA Maxi Series MAXI RIVIERA



Heat and sound insulation opportunity is provided by using qualified glass applications in 4-20-24-28-34 and 40mm.

Excellent insulation by 6 chambered design

105-125-165 mm french frame option.

# 105-125-145-165



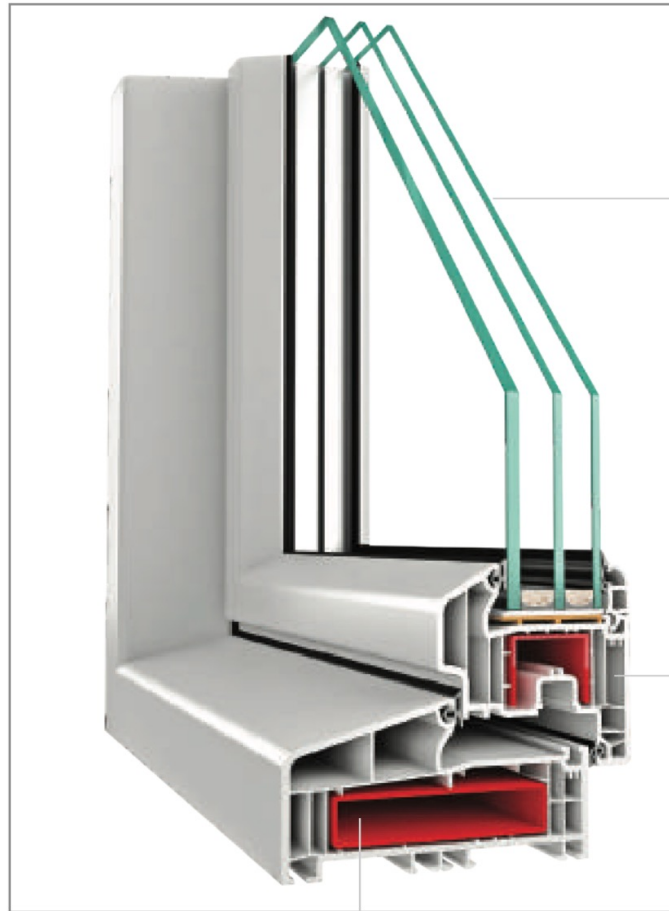
## MAXI RIVIERA FRENCH - MONOBLOCK

VERATEC Maxi Riviera which was inspired from France, contributes aesthetic to the places by French and renovation frame applications.

### Advantages

- ▶ Provides heat and sound insulation opportunity by using qualified glass in 4-20-24-28-34 and 40mm.
- ▶ Enables double sash application with special adapter for French balcony doors.
- ▶ Besides standard frames, available for 105, 125, 145 and 165mm French frame options. In order to provide aesthetic view, application with narrow sash and adapter profiles.

# MAXI EMPIRE Maxi Series MAXI EMPIRE 120



Heat and sound insulation opportunity is provided by using qualified glass applications in 4-20-24-28-34 and 40mm.

Excellent insulation with 6 chambers design.

Increased profile resistance with wider reinforcement steel.



## MAXI EMPIRE 120MM NETHERLANDS

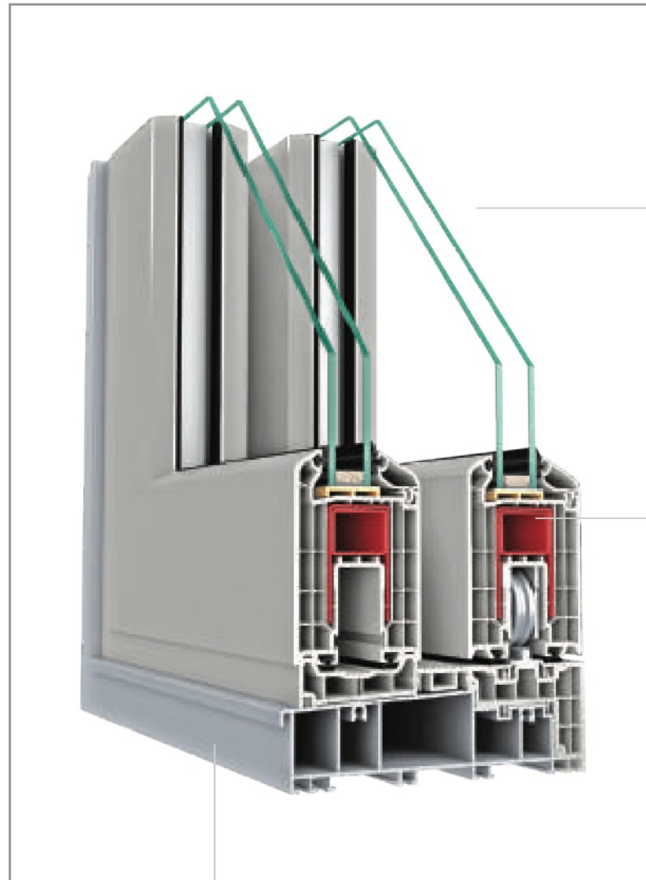
VERATEC Maxi Empire 120 offers best performance solutions for wide openings for places such as villas and high-rise buildings.

### Advantages

- ▶ Offers opportunity to use qualified glass in 4-20-24-28-34 and 40mm, in order to get maximum heat and sound isolation.
- ▶ Thanks to 120 mm frame profile with 5 chambered, which provides heat, sound, dust and water insulation, in order to get better comfort and providence.
- ▶ As an alternative to white profile; cream and grey profile options contributes aesthetic value to the buildings.
- ▶ Inclined outside surface design, in order to avoid holding water on the profile.
- ▶ Offers higher profile resistance with wider reinforcement profile option.
- ▶ With the simplicity and elegance; Maxi Empire Serie provides also excellent compatibility to the architecture from the buildings and better isolation above the expectations.
- ▶ Aluminium cover applications which help to find out alternative solutions for residential and commercial building.

# HEBE-SCHIEBE | Lift&Slide System

## HEBE-SCHIEBE



Heat and sound insulation opportunity is provided by using qualified glass applications in 20-24-28-34 and 40mm.

Reinforced structure for wide openings.

Thick aluminium threshold applications.



## HEBESCHIEBE TÜREN – LIFT & SLIDE

VERATEC Hebe-Schiebe is an aesthetical solutions and increase of the outside seeing ability for places such as balconies, terraces, verandas and winder gardens.

### Advantages

- ▶ 170 mm frame profile with 6 or 7 chambered option
- ▶ 70 mm sash profile with 5 chambered offers opportunity to use qualified glass with thickness 20-24-28-34 and 40mm.
- ▶ Frame and sash profiles wall thickness are in a class.
- ▶ PVC cover inside for aluminium threshold, in order to get heat insulation.
- ▶ Mounting screws stay under the auxiliary profiles; in order not to be visible.
- ▶ Frame profile can be assembled in the mounting place; so that it can be transferred to the installation place easily.
- ▶ Thanks to the special rollform design reinforcement profile, the system offers wide openings; where the wind and inertia lasts are to high.
- ▶ Thanks to two gasket system to provide better value for heat, sound and water insulation.





# sapa:

## AVANTIS 70

Avantis 70 is a high performance thermally broken three-chamber system with a building depth of 70 mm. The Avantis 70 largely surpasses the recent thermal insulation standards and is a comprehensive solution for commercial, residential and industrial projects.

### Performances



Thermal insulation  
SHI:  $U_f = 1,0 - 2,2$   
 $W/m^2K$



Thermal insulation  
SI:  $U_f = 1,1 - 2,2$   
 $W/m^2K$



Thermal insulation  
I:  $U_f = 1,9 - 2,6$   
 $W/m^2K$



Thermal insulation  
basic:  $U_f = 2,0 - 2,9$   
 $W/m^2K$



Air Tightness  
4



Water Tightness  
E750



Wind Resistance  
C3



Acoustic Insulation  
 $R_w (C; C_{tr}) = 48 (-1; -4)$   
dB (88.2/16/66.2)



Forced Entry  
Resistance  
Class 2

#### Modular thermal performances

Avantis 70 Basic	2,00 $W/m^2K$ - 2,90 $W/m^2K$
Avantis 70 I	1,90 $W/m^2K$ - 2,60 $W/m^2K$
Avantis 70 SI	1,10 $W/m^2K$ - 2,20 $W/m^2K$
Avantis 70 SHI	1,00 $W/m^2K$ - 2,20 $W/m^2K$



# sapa:

## CONFORT 125

Confort 125 is a thermally insulated sliding and lift-sliding system that is durable, stable and robust. The system is available in a 1, 2 and 3 rail version, so a 6-leaf sliding door is perfectly feasible. With a maximum vent weight of 240 kg for the sliding and 300 kg for the lift-sliding version, large glazed areas are easily attainable.

### Performances

- ▶ A combination of strong profiles and stainless steel rollers with polyamide support, allows Confort 125 to be used for glazed areas up to 2,5 m (height) for the sliding version.
- ▶ The stainless steel rollers are self-levelling which assures that the vent glides effortlessly, even up to a maximum weight of 240 kg.
- ▶ Stainless steel wheels do not deform and so guarantee a long-life performance.
- ▶ The lift-slide hardware allows vents up to 300 kg with glazed areas up to 2,8 m.
- ▶ The vent profiles with a building depth of 50 mm accommodate glazing from 4 to 35,5 mm.
- ▶ Confort 125 sliding doors are compatible with other Sapa Building System products such as our conservatory, turning and curtain wall systems.



Broad design and functional possibilities



Available in extreme safety variants including bulletproof



Well balanced price-quality-feature mix



Reynaers  
Aluminium

## CS - CONCEPT SYSTEM 77

ConceptSystem 77 is a versatile window system that complements almost any building project thanks to its many design options. Compatible with different burglar resistance levels, the aluminium windows offers both a safe and stylish solution.

### Performances

#### Thermal Insulation

High

$U_f = 1.8 \text{ W/m}^2\text{K}$

#### Air-Water-Wind

High

Class 4 (600Pa) / Class 9A (600Pa) / Class C3 (1200Pa)

#### Acoustics

High

$R_w(C;Ctr) = 42(-2; -4) \text{ dB}$

#### Burglar Resistance

High

RC2 - RC3 - WK2 - WK3 - PAS 24

#### Height Vent

Min 600 mm

Max 2800 mm

#### Frame-Vent Width Open In

Min 89 mm



## CONCEPT PATIO 130

ConceptPatio 130 is a qualitative (lift &) slide solution that balances price, performance and design. The versatile aluminium system allows both architects and homeowners to create spaces without boundaries.

### Performances

<p><b>Thermal Insulation</b></p> <p>Medium</p> <p><math>U_f = 1.9 \text{ W/m}^2\text{K}</math></p>	<p><b>Air-Water-Wind</b></p> <p>High</p> <p>Class 4 (600Pa) / Class E750 (750Pa) / Class B5 (2000Pa)</p>	<p><b>Acoustics</b></p> <p>High</p> <p><math>R_w(C;Ctr) = 39(-1;-3) \text{ dB}</math></p>
<p><b>Burglar Resistance</b></p> <p>High</p> <p>RC2 - WK2 - PAS 24</p>	<p><b>Height Element</b></p> <p>Min 584 mm</p> <p>Max 2784 mm</p>	<p><b>Max Weight</b></p> <p>Vent = 300 kg</p> <p>Fixed = 300 kg</p>



Very complete offer with various opening types.



Excellent balance between performance and affordability



Unique low threshold renovation-friendly profile

# Export Regions & Our Center

"We have established hundreds of solid relationships in dozens of countries on five continents."

## Canada

It constitutes 5% of our exports. It is a market where we are looking for new partners.



## US America

It constitutes 7% of our exports. It is a market where we are looking for new partners.



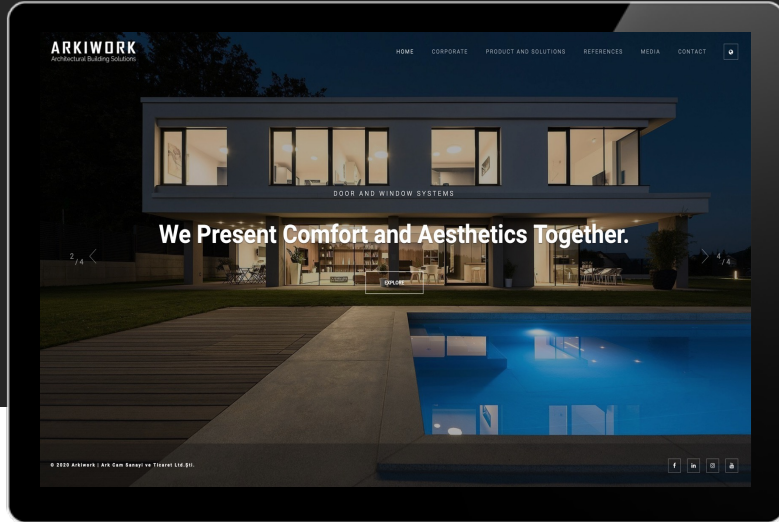
## All Europe

It constitutes 88% of our exports. It is a market where we are looking for new partners.



## Production

We serve more than 70 customers around the world with our office and factories located in Istanbul.



# Visit Our Website

You can easily and quickly access detailed information about all our products, technical documentation and certificates on our new website.

[Discover](#)



## Get in touch !

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