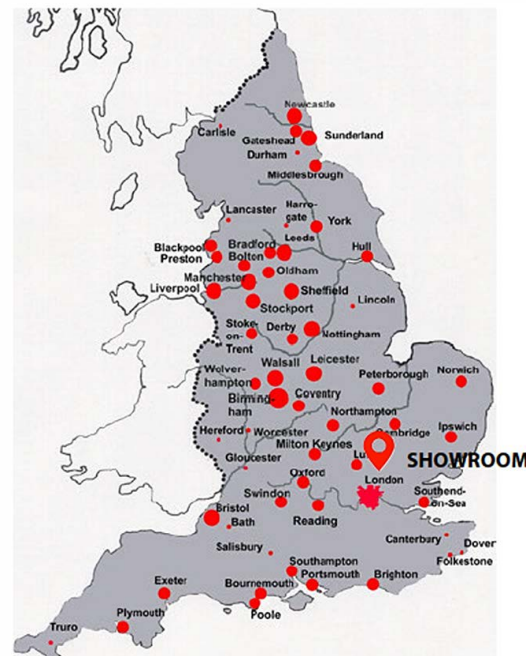


WE SUPPLY AND FIT FOR RESIDENTIAL AND COMMERCIAL  
PROJECTS TO CUSTOMERS ACROSS THE UK



## SBW GROUP LTD

Enterprise House, Maxted Road, Hemel  
Hempstead, HP2 7BT.

03334559016 / [sbwgroupuk@gmail.com](mailto:sbwgroupuk@gmail.com)  
[www.sbwgroup.co.uk](http://www.sbwgroup.co.uk)



**SBW**<sup>®</sup>  
WINDOWS AND DOORS





### MEET THE TEAM

Consultation and no-obligation quote.



### GET THE SURVEY

Once the survey it's finalised we place the order



### GET THEM INSTALLED

We are FENSA Approved Installers

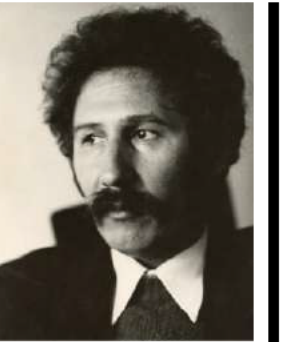


### FINALISED

We provide 10 Years Warranty for all our joinery.

“ If there are no windows, they must be invented. ”

Marin Sorescu, Romanian writer 1936 - 1996



**Responsability** open towards the future.

Having you as a client, we will respond to you by using the best materials, the most advanced technologies and dedicated well-trained specialists, so that when it comes to Quality windows, the first word that comes to mind to is SBW.



## Dear partners & customers **SBW<sup>®</sup>**,

Trust, efficient communication and constant support are important features for the smooth functioning of the SBW team. To these are added the professionalism and qualifications of our experts, who constantly assure the quality of the PVC joinery products.

Investing in people is our guiding motto for the development of the SBW team. We have supported the creative and innovative ideas of our employees since establishment.

The SBW team supports you throughout the procurement process. Our colleagues in the showrooms around the country will help you choose the right doors and windows for your home.

Afterwards, the team from the SBW production centre will assure the quality of the ordered products. We guarantee the experience of each expert, so you can be sure that you will enjoy our PVC products for a long time.

We focus every day our efforts on making and offering the best PVC and aluminium joinery products. Our wishes and goals are constantly supported by the SBW experts.

The activity of the SBW production center is not limited to the manufacture of PVC and aluminium doors and windows. Our experts also handle research and testing projects, so that we can innovate and meet the requirements of our customers faster and easier.

The improvement of the production and the development of the SBW factory according to the market requirements are due to the experience and long-term vision of our team.

**David Paraianu,**  
founder & director general of SBW GROUP<sup>®</sup>

## **SBW<sup>®</sup>** production

**The capacity of the SBW production center meets the demands and desires of our customers in the country and abroad. Every day we produce over 1.500 units of thermal insulation glazing and more than 1.000 units of PVC products. Monthly, we produce over 2.000 units of sectional doors and roller shutters.**

**The PVC and aluminium windows and doors are distributed nationally through a network of over 300 distributors.**

**About 15% of our production is exported to Europe, in countries such as: Italy, France, Belgium and Germany. The remarkable results obtained so far urge us to expand the activity of the SBW production centre in the coming years and to export to other European countries as well.**





# What sets us apart

## Product quality

Product performance means more than state-of-the-art technologies and top-of-the-line materials.

The primary role is played by us, the people. Our desire to surpass ourselves says everything about the high quality of SBW® windows.

## Responsibility

We respect our customers and aim to understand their expectations as best as possible.

We have a responsibility to provide our customers with the best products and services, related to their needs.



## Permanent communication

We pay attention to the expectations and demands of our customers, we explain everything they need to know for choosing the right window. We want to be surrounded only by houses with well-made windows, and we tell that to everyone.

## Professionalism

We know exactly what, why, when and how we do it, but we do not stop there.

This is our main asset: we want the SBW® windows that reach our customers to be perfect.

## Long-term partnerships

We value the trust of our customers and constantly want to exceed their expectations.

We deliver more than a product, we build a relationship starting with every SBW® window delivered.

# NOVELTIES!

## Invisible weld

**The technology of the future for window manufacturing is here!**

We present the first technical solution in the world that allows the excess material not to be fused on the outside of the profile. With the help of this technology, the excess is directed by milling inside the profile.

Thus, the deburring process (cleaning the excess material after welding) is no longer necessary.

The advantages of invisible weld are obtaining windows with a special design, increased resistance due to the larger contact surface and additional protection against wind and noise.

**Welded window mullions (unique technology in Romania)**



No correction pen | No excess material | No peeling film | No defects



## SBW<sup>®</sup> presentation

The production center comprises  
of 6 joinery production divisions

- Division for the production of PVC 1 white windows
- Division for the production of colour and bi-colour PVC 2 windows
- Division for the production of thermal insulating glass
- Division for the production of aluminum joinery
- Division for the production of residential & industrial garage doors & roller shutters
- Division for wrapping PVC profiles



## PVC joinery product presentation

Ambient aesthetics and advanced technology



**SBW<sup>®</sup> windows** are made of the best materials and are specially configured for a long life. Quality is the result of a meticulous process. We follow every step in detail, from analysis, measurements, configuration, manufacturing, perfect installation and to the guarantee of a job well done.

Look into the future!



## SBW 100 completes the symphony of perfect isolation

In accordance with the basic principle of a passive house – more comfort with less energy – **SBW 100 windows** brought the thermal insulation and sealing parameters to unprecedented values. Discover a top-of-the-line window that stands up to any climate and environmental challenges.

### Main features of the **SBW 100 windows**

- ▶ Profiles without metal reinforcements up to certain sizes.
- ▶ Quality materials: top-of-the-line profiles, 3-layer glass packs, ROTO NX hardware, wide range of accessories.
- ▶ Very high sealing capability, hourly air losses being less than 60% of the indoor air volume of the house.
- ▶ Three rows of co-extruded seals that isolate very efficiently the air chambers formed between the frame and the sash. Thermal insulation coefficient:  $U_f$  up to  $0.79 \text{ W/m}^2\text{K}$ .
- ▶ Number of design chambers: 6 chambers.
- ▶ Chamber wall thickness: 3 mm.
- ▶ Hinges visible or hidden in the rebate.
- ▶ Profile surface: HDF - smooth, easy to maintain.



# SBW 95 NEO

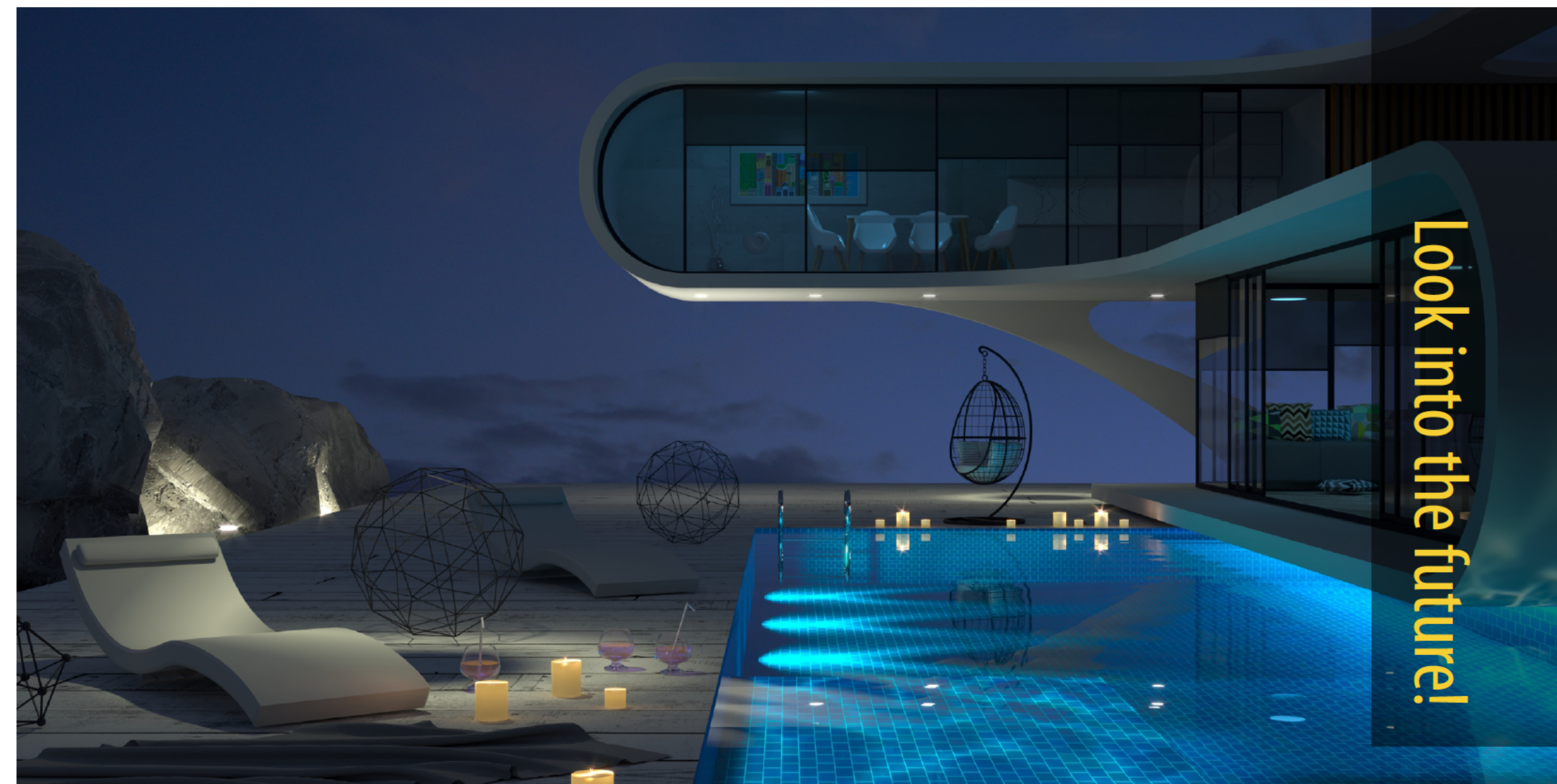
DESIGN meets TECHNOLOGY

Because you take an interest in the aesthetic look of your project we created **SBW 95 NEO** with a functional design and harmonious volumetry for any type of construction.

Finishes are made with precision so that only energy consumption decreases, but not safety. Enjoy more peace and increased thermal comfort, in any season.

## Main features of the **SBW 95 NEO** windows

- ▶ Coplanar solution on the outside.
- ▶ Slim, cubic design.
- ▶ Rigid middle seal on frame.
- ▶ Integrated screw channel for optimal installation.
- ▶ Glass glued to sash (no metal reinforcement).
- ▶ 100% recyclable product.
- ▶ New standards in terms of CO2 footprint.
- ▶ Optimal thermal insulation with values up to  $U_f - 0.87 \text{ W/m}^2\text{K}$ .



Look into the future!





Up to 50% higher thermal insulation.  
Saving money on windows has proven - practically and theoretically - to do just the opposite. In fact it is a continuous loss.

50% higher thermal insulation (compared to standard windows), provided by **SBW 80**, brings big fuel savings year after year.

**SBW 80** thermally insulates the house since day one. Now you can wait for your heating bills in peace. Further energy price increases will have a limited impact on your budget.

### Main features of the **SBW 80** windows

- Superior sound insulation.
- Noise reduced up to 22 times.
- Thanks to the special geometry of the air chambers and improved configuration of the seals, the vibrations are dissipated before they reach inside the house. SBW
- 80 represents comfort, the ideal choice having a high sound insulation coefficient (class SSK5).
- Excellent thermal insulation:  $U_f < 1.0 \text{ W/m}^2\text{K}$ .
- Profile thickness: 80 mm.
- Visible profile height: 117 mm (frame + sash).
- Number of chambers: 7 chambers - frame, 6 chambers - sash. Hardware: Roto with visible hinges on the window frame or hidden in the rebate, called Roto Designo.

Because you care about the aesthetic look of your project, we created SBW 85 A++ with a functional design and harmonious volumetry for any type of construction.

Finishes are made with precision so that only energy consumption decreases, but not safety. Enjoy more peace and increased thermal comfort, in any season.

### Main features of the **SBW 85**

- Long service life.
- The 85 mm profile has built-in rectangular steel reinforced perimeter.
- The hardware used is configured for optimal and constant operation.
- Casing: with a visible height of 70 mm.
- Profile thermal insulation coefficient - up to  $1.1 \text{ W/m}^2\text{k}$ .
- Available thicknesses of the glass pack - 44 and 50 mm.





# SBW 75

## UNBEATABLE PRICE

**Quality** at a low price seems like a cliché. But with SBW it really does happen! The SBW 75 windows offer premium quality at affordable prices. Discover the perfect balance for your budget, without compromising on safety and thermal comfort.

### Main features of the SBW 75

- It significantly reduces energy consumption throughout the year by reducing cooling, heating and lighting costs.
- Casing: with 70 mm, 65 mm and 55 mm visible height with 40 mm or 65 mm renovation wing.
- Hardware: Roto, with visible or hidden hinges.

### Main features of the SBW 70

- Suitable for thermal rehabilitation, modernization or remodeling works.
- Thermal insulation coefficient:  $U_f$  up to  $1.3 \text{ W/m}^2\text{K}$ .
- Design profile depth: 70 mm.
- Visible profile width: 96 mm (frame + sash).
- Number of design chambers: 5 chambers.
- Hardware: Roto with visible hinges on the window frame.

### Smart!

The **SBW 70** windows provide long service life, stable quality and ease of maintenance. You will feel the actual pay off of energy costs over time. It is a quality, balanced and economical product.

The **SBW 70** windows offer you a level of thermal and sound insulation above standards and a special design, without stretching the budget.



# SBW 70

## COMFORT at minimal costs



## Technical values of PVC windows

### SBW 100

Profile material:	RAU – FIPRO (mass reinforced PVC)	PVC	PVC
Profile thermal insulation coefficient:	up to 0.79 w/m <sup>2</sup> K	up to 0.87 w/m <sup>2</sup> K	up to 1.1 w/m <sup>2</sup> K
Glass thermal insulation coefficient:	from 0.5 w/m <sup>2</sup> K	from 0.5 w/m <sup>2</sup> K	from 0.6 w/m <sup>2</sup> K
Available glass pack thicknesses:	44 mm and 52 mm	44 mm and 60 mm	44 mm and 50 mm
Sound protection:	up to 47 db	up to 44 db	up to 44 db
Burglary protection:	(ROTO-NX hardware) up to class Rc2	(ROTO-NX hardware) up to class Rc3	(ROTO-NX hardware) up to class Rc2
Profile depth:	86 mm	76 mm	85 mm
Cladding with aluminum on the outside:	optional (We recommend choosing the aluminum product range)	No	No
Seals:	3 rows (with middle seal), grey	3 rows (3rd with frame seal)	3 rows (with middle seal)
Hardware:	Roto with hidden or visible hinges	Roto with hidden or visible hinges	Roto with hidden or visible hinges
Chamber wall thickness:	3 mm	3 mm	3 mm
Number of design chambers:	6 chambers	6 chambers	6 chambers
Micro-ventilation:	Yes	Yes	Yes

### SBW 80

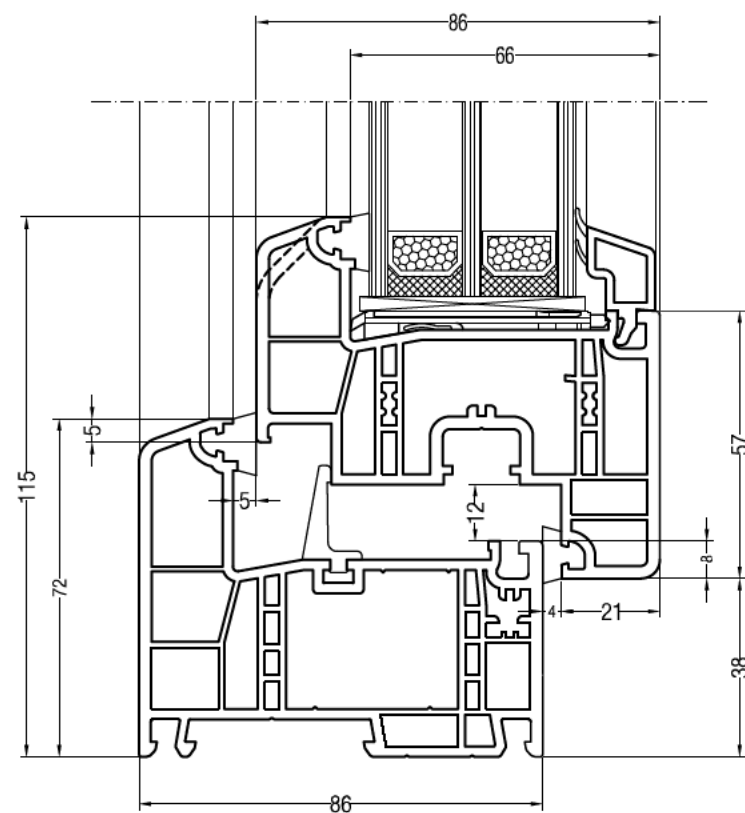
Profile material:	PVC	PVC	PVC
Profile thermal insulation coefficient:	up to 1.0 w/m <sup>2</sup> K	up to 1.3 w/m <sup>2</sup> K	up to 1.3 w/m <sup>2</sup> K
Glass thermal insulation coefficient:	from 0.6 w/m <sup>2</sup> K	from 0.6 w/m <sup>2</sup> K	from 0.6 w/m <sup>2</sup> K
Available glass pack thicknesses:	42 mm and 50 mm	24 mm and 40 mm	24 mm, 32 mm, 40 mm
Sound protection:	up to 44 db	up to 40 db	up to 40db
Burglary protection:	(ROTO-NX hardware) up to class Rc2	(ROTO-NX hardware) up to class Rc2	(ROTO-NX hardware) up to class Rc2
Profile depth:	80 mm	70 mm	70 mm
Cladding with aluminum on the outside:	optional (We recommend choosing the aluminum product range)	No	No
Seals:	3 rows (with middle seal), grey	2 rows	2 rows
Hardware:	Roto with hidden or visible hinges	Roto with hidden or visible hinges	Roto with hidden or visible hinges
Chamber wall thickness:	>= 2.8 mm	>= 2.8 mm	>= 2.8 mm
Number of design chambers:	6 chambers	5 chambers	5 chambers
Micro-ventilation:	Yes	Yes	Yes

### SBW 75

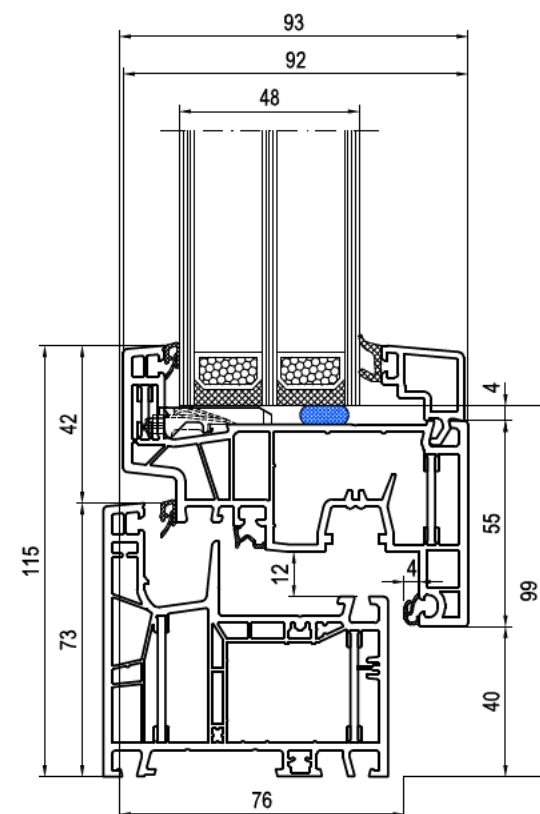
### SBW 70



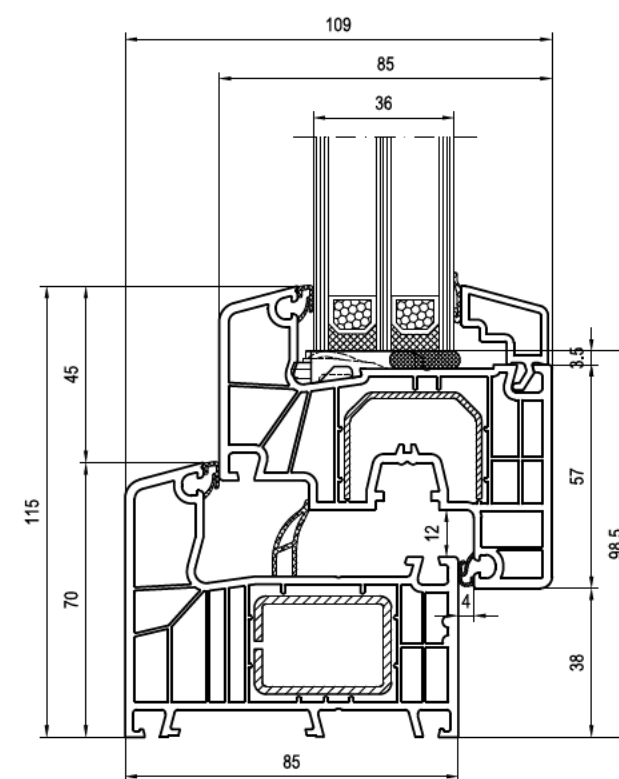
## SBW 100



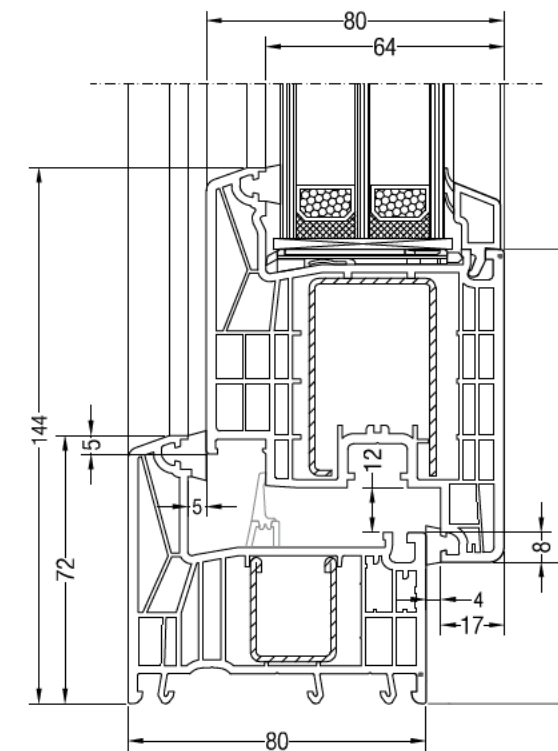
## SBW 95 NEO



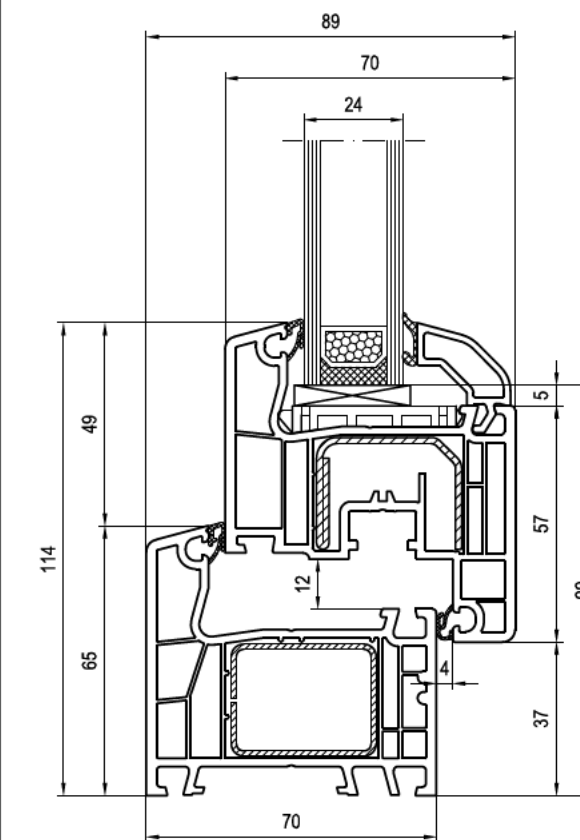
## SBW 85



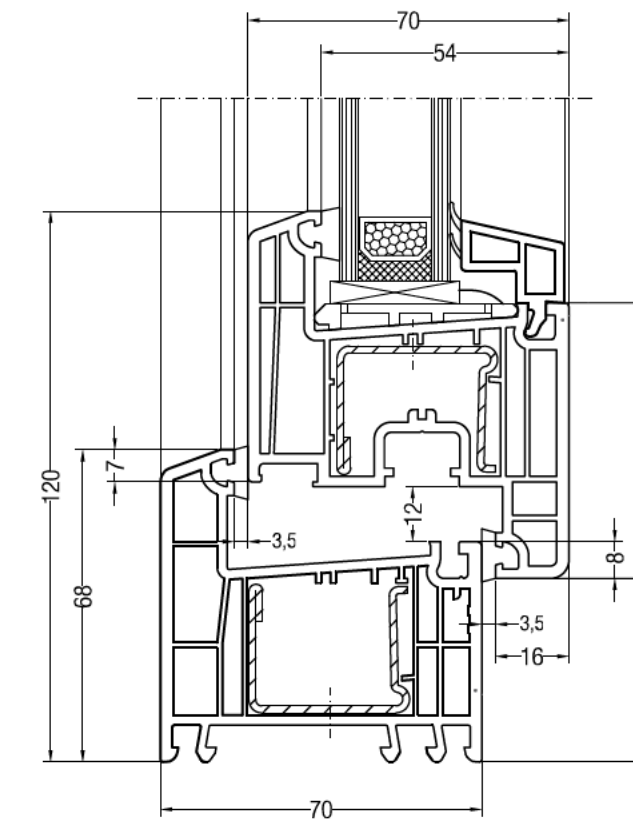
## SBW 80



## SBW 75



## SBW 70





# Open for imagination... and colour

There are no limits when it comes to the colours of our windows.

**SBW**® uses the newest and most efficient technology for wrapping profiles. The range of colours and textures is complemented by custom print films with the proposed design.

Due to the colour of the film chosen, the **SBW**® windows become active and unique elements in the home atmosphere. If you opt for windows with aluminum protection, get ready to discover a wide range of RAL colours.

Renolit, Exofol or Homschuch films, used by Barrier®, are among the most durable on the market. Regardless of the passing of years, the profiles will look the same as day one.

You can also choose painted profiles, in an extensive range of RAL colours.

## PREMIUM wood



## PREMIUM aluminium



## COLORS



# The hardware the long life of the windows

The functions of quality hardware must be ensured for a long period of time.

Resistance to wear, to permanent and intensive demand, depends a lot on the quality of the profiles, but especially on the quality of the hardware used.

An important feature of the hardware is to ensure protection of inner spaces against burglary.

The special locking elements, as well as the other safety elements, allow the individual determination of the resistance class for each individual window and door. You are safe with SBW!

To highlight the aesthetic value of a window, you can opt for the hidden hinge system.



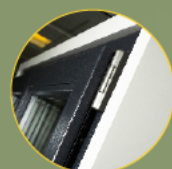
## Hardware



1 - Secustik handle



2 - Anti-burglary lock



3 - Micro-ventilation



4 - Centralized closing secondary sash



5 - Protection against wrong turning of the handle



Hardware systems with hidden hinges give the home an extra touch of elegance and design.

**ATTENTION!!!** The maximum window opening angle is 100 degrees.





# The details that make the DIFFERENCE

## Accessories

Accessories for the windows are chosen in accordance with the principles of thermal insulation and fresh air ventilation of the rooms.

They are suitable for use in any type of building. However, careful coordination of design and execution of technical details is

## Sills and stools

Like the frame of a picture, sills define the aesthetic value of a window, and functionally protect the plaster of the walls. Available in the colours of the windows, the interior sills are very easy to maintain, resistant to moisture and scratches.

For the exterior part of the joinery, aluminum sills are used, very resistant to weathering, guaranteed to maintain their aesthetic appearance for a long time.

The joining of the interior and exterior sills with the joinery is done using a special connecting profile, which ensures reliability and tightness of the assembly. Installation of the sills is carried out by gluing, placed directly on the mortar or fastened with screws.



## Insect screens

When you want to only let air enter the room, opt for insect screens for doors and windows:

- Plisse type insect screens can be installed on both windows and doors, including those with a very large opening. The screen is made of flame retardant grey/black fiberglass with a fine mesh that does not affect visibility and filters the air from impurities.
- Roller shutter system. The operation is facilitated by springs, raising and lowering are thus very easy, by pulling the drive cord.
- Swing system. The screen is fixed on a hinged frame, allowing it to swing open outward.
- Aluminum frame colour range: white, brown, golden oak, mahogany, walnut, wenge.

## Interior PVC sills

- Easy to maintain, no painting required
- Colour resistant to sun exposure
- Moisture resistance
- It does not buckle or distort under the action of mechanical or thermal factors
- Colour range: white, mahogany, golden oak, dark oak, wenge, walnut.

## Exterior aluminum sills

- They prevent possible infiltrations that could occur where the window contacts the wall, while providing a pleasant appearance
- Wear-resistant and durable
- Protects against water and dirt
- Colour range: white, brown, golden oak, dark oak, anthracite grey, walnut, mahogany, mooreiche (on request, any RAL shade)
- Installation is done with sealing tapes
- It has an optimal slope, which facilitates the drainage of rainwater

## Ventilation grills

If you want a controlled ventilation system that offers thermal and acoustic performance, choose the ventilation grills. An efficient system for the exchange between outside and inside air.

Along with the micro-ventilation provided by the hardware system through the small ventilation opening in the swing open position, the grill system provides a constant ventilation of the rooms.





## Sleep tight!

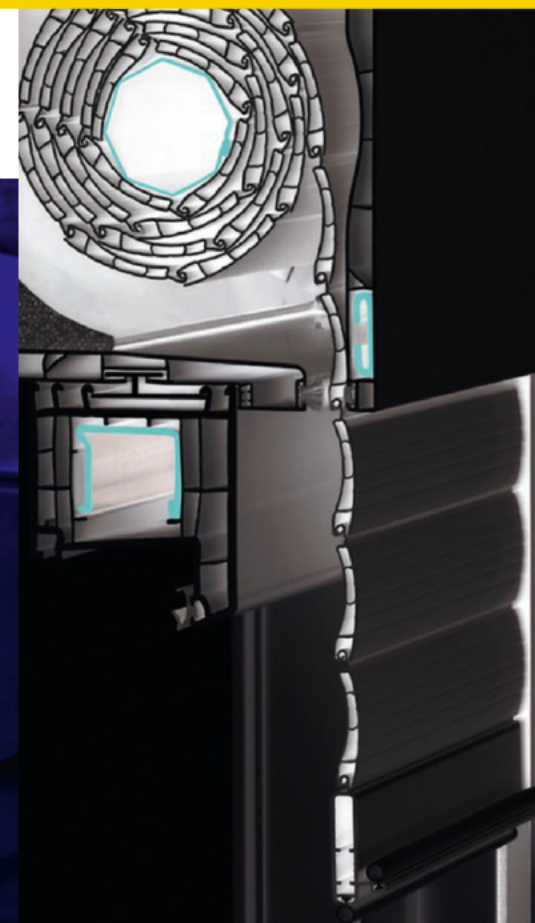
# The roller shutters that turn day into night

Renovating an old building?  
Or building a new one?

The SBW exterior roller shutter system meets the requirements for solar protection, protection against prying eyes, protection against insects, and last but not least, for you to rest in the middle of the day as you would in the middle of the night.

Chromatically, our roller shutters can be painted in the colour of the joinery or wrapped identically to the textures of the windows. The roller shutter is provided in the upper part with a box that will complement the look of the joinery. Optionally, it can also be fitted with an insect screen.

Operation option: electrical from remote control or crank, with cord/strip.



## Applied roller shutters

SBW applied exterior roller shutter systems are designed for installation on existing buildings.

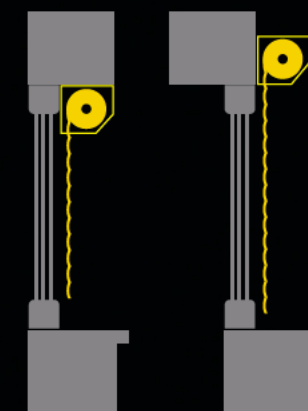
Thanks to the wide colour range, they are an ideal decorative element that can be adapted to any type of building design. The high-quality aluminum elements are resistant to abrasion and weathering.

The good configuration of the roller shutters, as well as the right choice of materials, contribute to the increase of thermal and sound insulation of the building, which allows both a reduction in heating expenses in the cold season and coolness inside in the warm season.

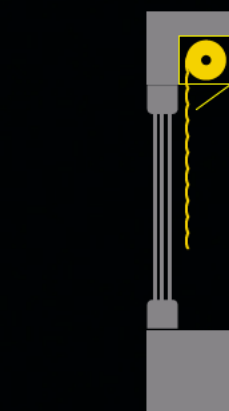
The roller shutters protect from unwanted prying eyes, and by incorporating the insect screen, they protect both from insects and possible residues. At the same time, access to air and natural light is not limited.

The plasterable applied roller shutter is a combination of the applied roller shutter and the overlapped one. The main advantage is that it is not installed by drilling the window, and at the same time the box is not visible, being placed outside the building. Access is ensured through an inspection profile positioned at the bottom.

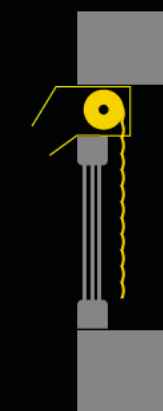
Operation option: electrical from remote control or crank, cord.



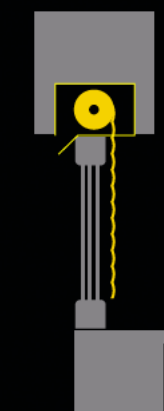
Applied roller shutter  
Diana



Plasterable applied roller shutter  
Venus



Overlapped applied roller shutter  
Jupiter



Plasterable overlapped roller shutter  
Uranus

## Overlapped roller shutters

SBW overlapped exterior roller shutter systems are designed for installation on new buildings.

Thanks to the wide colour range, they are an ideal decorative element that can be adapted to any type of building design.

The overlapped roller shutters have an extruded PVC box mounted on top of the joinery. The box is closed on the sides with injected PVC covers, with a special profile for connecting and aligning with guides. The ends of the roller shaft also rest on these side covers.

The sides of the box have a special finish: they have no added colour, they have horizontal ribs for the adhesion of plaster layers and a horizontal edge of aluminum profile with a 15 mm wing to support the plaster.

Operation option: electrical from the remote control or crank, strip.



# SBW® doors

**SBW® doors** cover a wide range of uses, combining the design and safety you need: entrance doors, interior doors, standard and sliding patio doors.

**SBW® doors** emphasize the personality of your home

A house without windows and doors is at most a shelter. Beyond the functional aspect, they strengthen the uniqueness of the house, being the filters of comfort and safety. Windows are the light and warmth, and doors are the connection with the outside, but also the protection of your home. SBW doors offer sophistication and comfort.

**The world of SBW® doors opens before you**

Entrance doors  
Stylistic diversity  
Doors are among the most demanded components of a house.  
The home spaces need dedicated doors, with varied characteristics.  
The entrance door must be solid and illustrative, for the garden - panoramic and insulating doors are needed, for the balcony opt for safe and functional doors, and the interior is decorated with elegant doors.  
Step on the SBW® doors threshold with confidence. You always have a variety of choices.



## Preparing for a new project?

Include the **SBW®** doors as early as in the design phase. The details indicated by our specialists will help you obtain correctly configured, functional doors, in a nutshell, brought to perfection.

The very rich variety of shapes and designs of decorative panels makes choosing the image of a SBW® door a real tour de force. Whatever model you choose, the door must best meet the needs of image, safety, insulation, but also personality of the house.

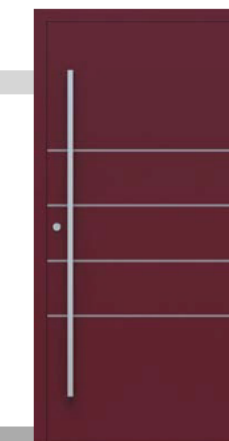
aluminum exterior doors with glued panel



Argus



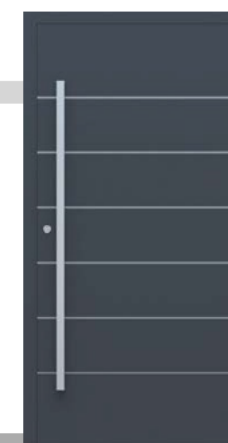
Atlas



Cronos



Prometeu



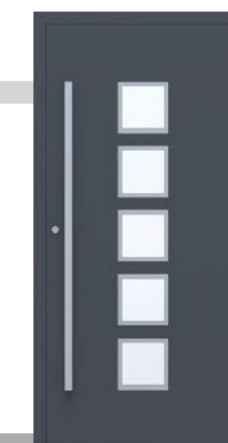
Hyperion



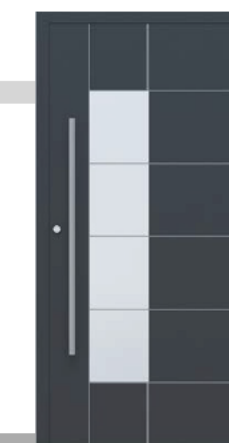
Oceanus



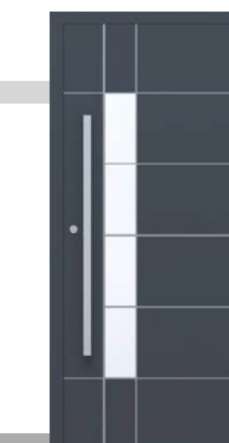
Phoebe



Theia



Themis



Thetys



exterior PVC doors with decorative HPL panel



Ahile



Dedal



Diomede



Egeu



Electra



Hector



Heracles



Menelau

exterior PVC doors with decorative aluminum panel



Nestor



Sisif



Ulise



Pandora



Perseu



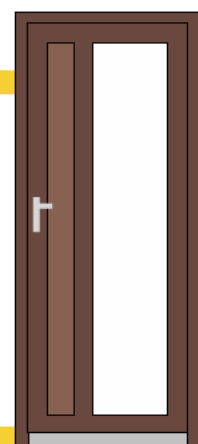
Telamon



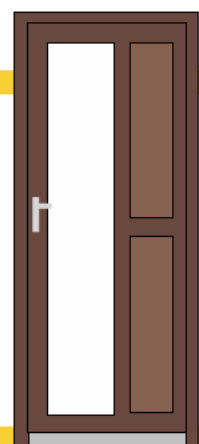
Tezeu



PVC doors



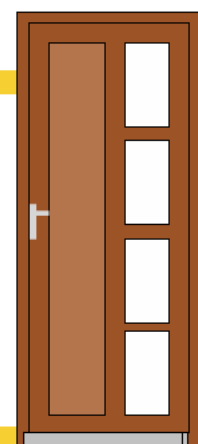
Zeus



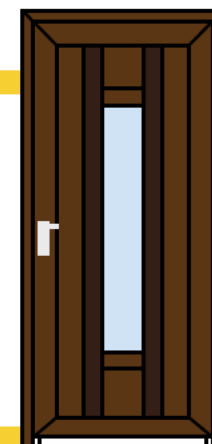
Hera



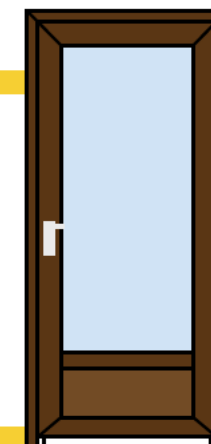
Poseidon



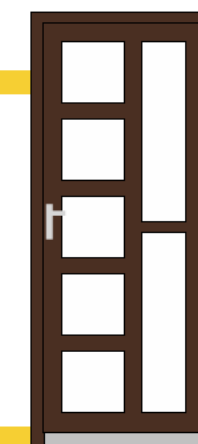
Demetra



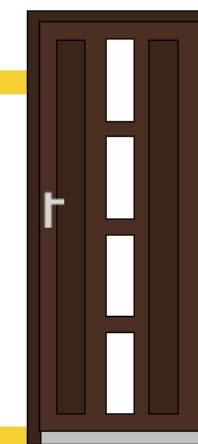
Afrodita



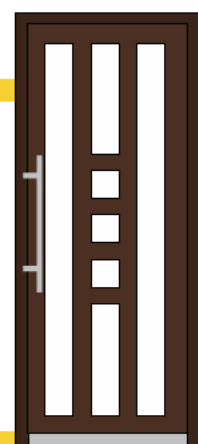
Hefaistos



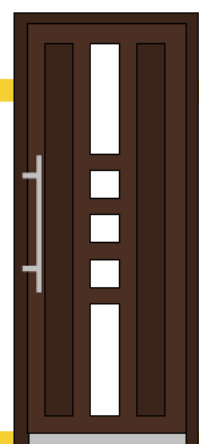
Hermes



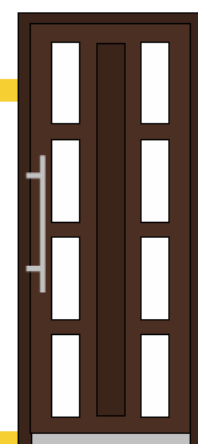
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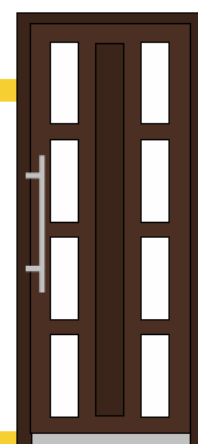
Atena



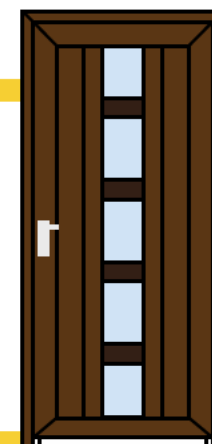
Apollo



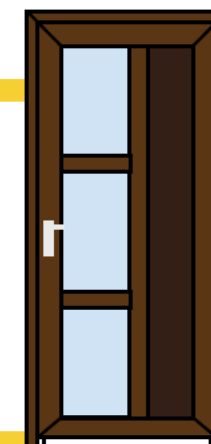
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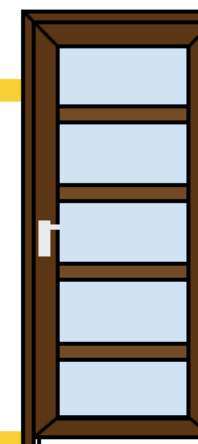
Ares



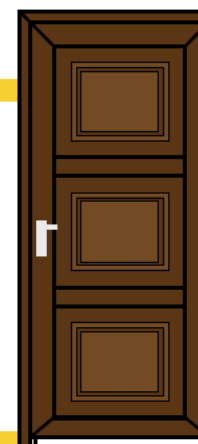
Hades



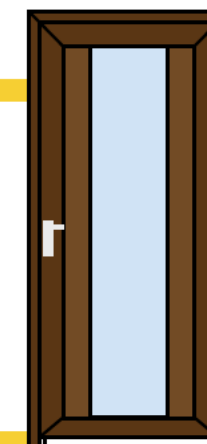
Hestia



Pan



Persefona

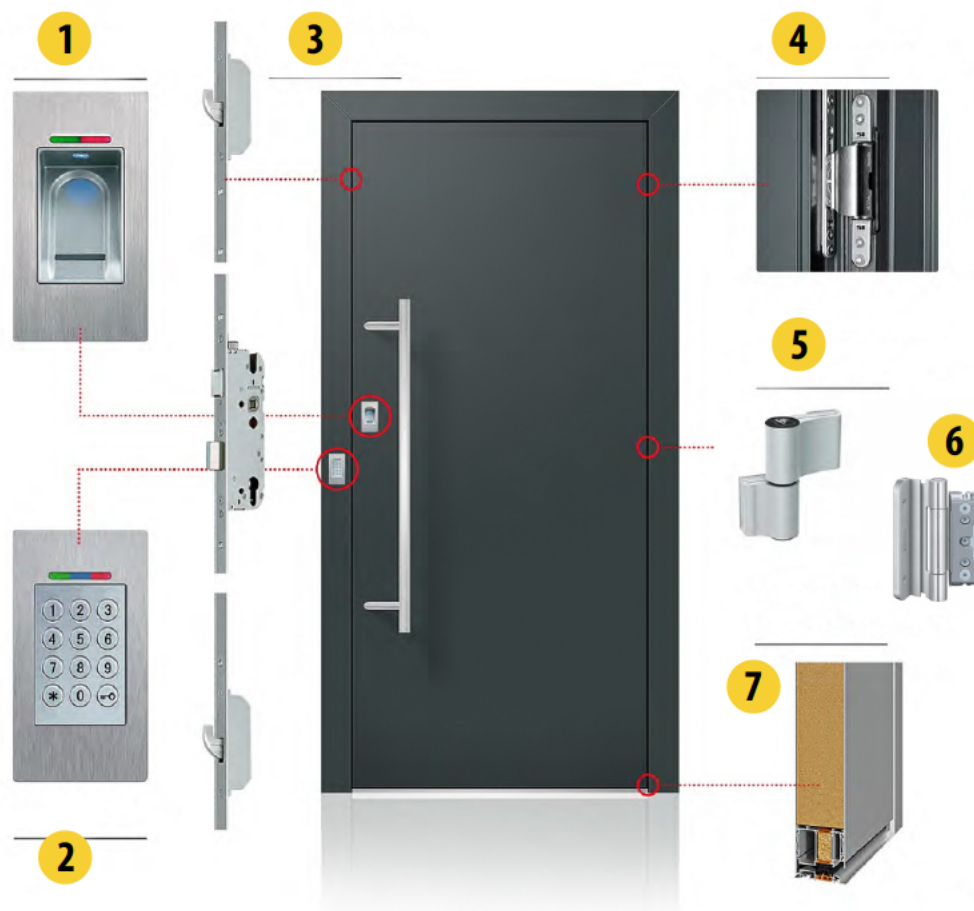
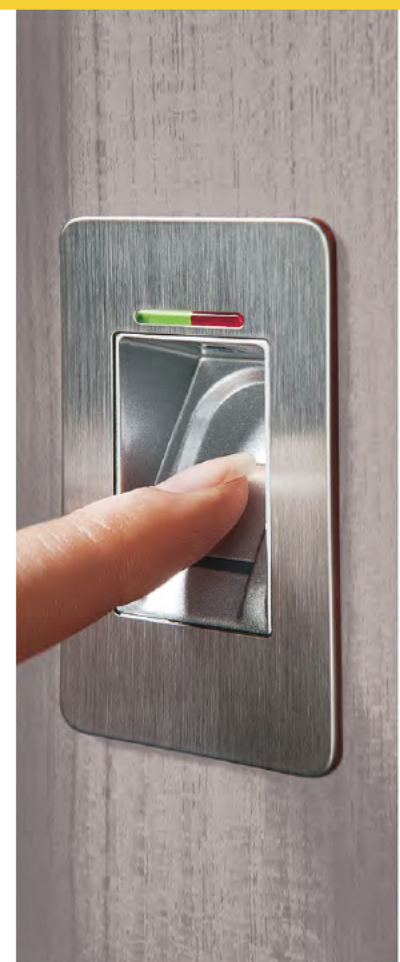


Pheonix

PVC doors



## Access device with biometric identification (fingerprint)



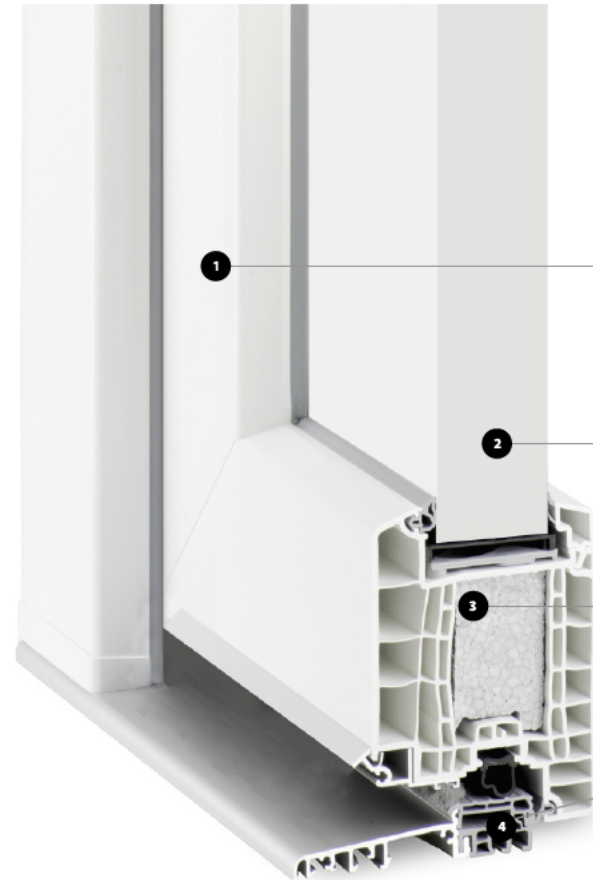
1. OPENING WITH FINGERPRINT
2. OPENING WITH CODE
3. MULTI-POINT CLOSING SYSTEM
4. HIDDEN HINGES
5. CYLINDRICAL HINGES (for aluminum)
6. CYLINDRICAL HINGES (for PVC)
7. COPLANAR PROFILE - 77 mm  
2 mm aluminum sheet on the inside  
3 mm aluminum sheet on the outside





# Energy efficiency meets design

The right system of profiles - the guarantee of the correct operation of the doors. Profiles for windows are different from those for doors, the demands, proportions and dimensions are different. In order to benefit from the quality and reliability of SBW® doors, it is important to choose profiles suitable for the purpose, traffic, safety and insulation needs that each individual door must satisfy. The design of a door is important, but functionality, resistance and quality are what make the final mark. **SBW® specialists are at your disposal.**



## Safety profiles

For this reason, SBW® doors made with these profiles can only be premium. Profiles top features are found in the quality and reliability of Barrier® doors.

## Decorative panels

The very rich variety of shapes and designs of decorative panels makes choosing the image of a SBW® door a real tour de force. Whatever door model you choose, it must best meet the needs of image, safety, insulation, but also personality of your home.

## Stiffening for safety

Steel with a thickness of min 2.5 mm.  
Welded reinforcement with weld caps for stiffening and increased safety.

## Aluminum thresholds with thermal spacer

Designed for easy access to the house. In addition to the fact that they transition the surfaces in an elegant way, they also resolve small level differences. They provides good thermal insulation, a barrier for the low temperatures outside the habitat.



## Doors - General Details

	Width	Sill types	Glass pack	Seals
Barrier 100	86 mm	20 mm - Automatic Threshold	44 - 52 mm	3
Barrier 95	76 mm	20 mm - Automatic Threshold	40 - 50 mm	3
Barrier 85	85 mm	20 mm - Automatic Threshold	24 - 50 mm	2
Barrier 80	80 mm	20 mm - Automatic Threshold	42 - 50 mm	3
Barrier 75	70 mm	20 mm - Automatic Threshold	24 - 40 mm	2
Barrier 70	70 mm	20 mm - Automatic Threshold	24 - 40 mm	2

## Closing systems

Regardless of the type of hardware chosen, the speciallocking elements, but also the other safety elements, allow the resistance class to be set at a very high level, so that you feel safe at home.

## safety!

### 1. Standard system

Fitting in 4 standard locking points, roll lock typeThe closing points are operated by lifting the handle.  
Optimum quality - price ratio

### 2. Safety system

Fitting in 4 anti-burglary and rectangular bolt closing pointsThe closing points are operated by lifting the handle.  
Optimum quality - price ratio

### 3. Safety and sealing system

Fitting in 3 rectangular bolt and 2 anti-burglary closing pointsThe closing points are operated with the key.  
Automatic sealing

### 4. Automatic system

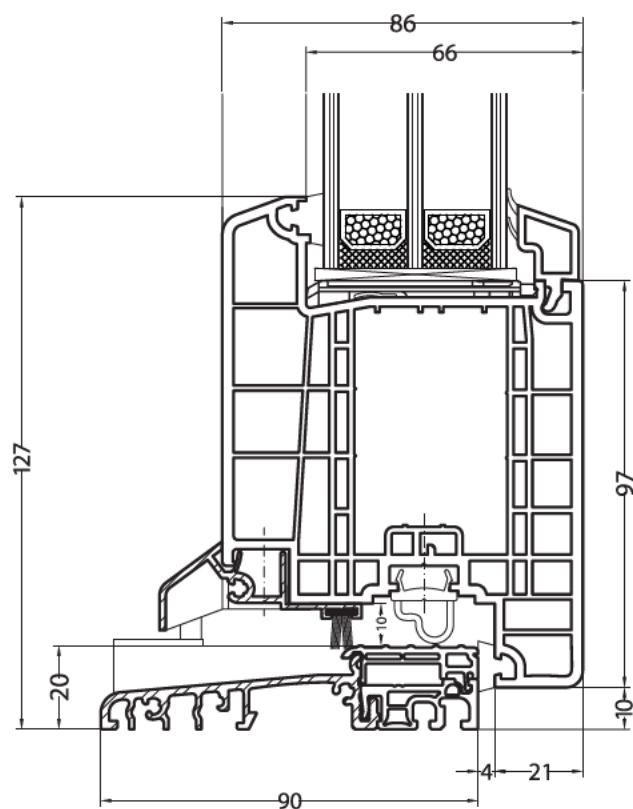
Fitting in 3 round bolt and hook closure points.  
Operation of the closing points is done automatically when the door is closed, it can be equipped with open smart systems operated bydigital fingerprint, card, etc.  
Maximum safety and automatic sealing

### 5. Round bolt and hook system

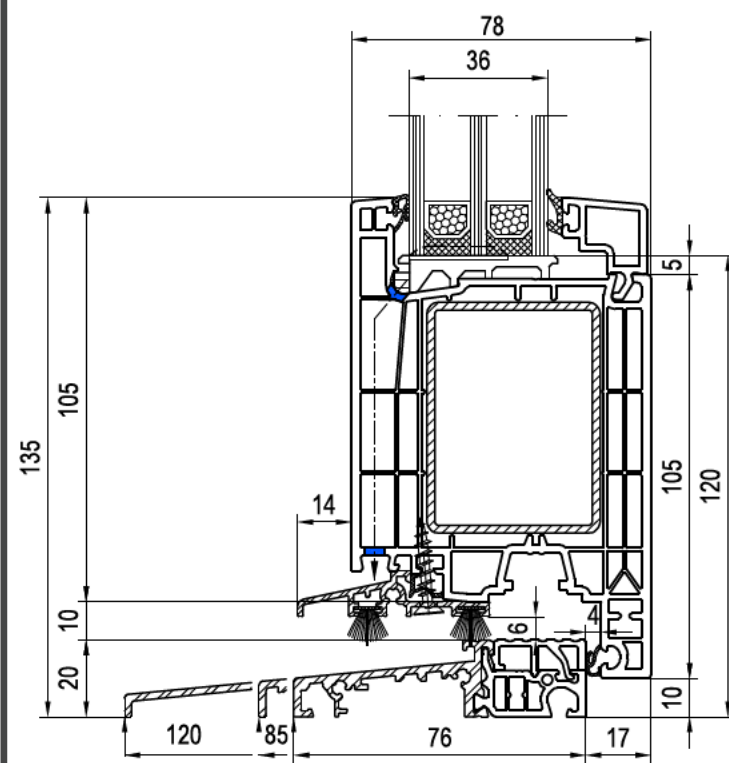
Fitting in 2 round bolt and 2 rectangular bolt and hook closure pointsThe closing points are operated with the key.  
Maximum safety



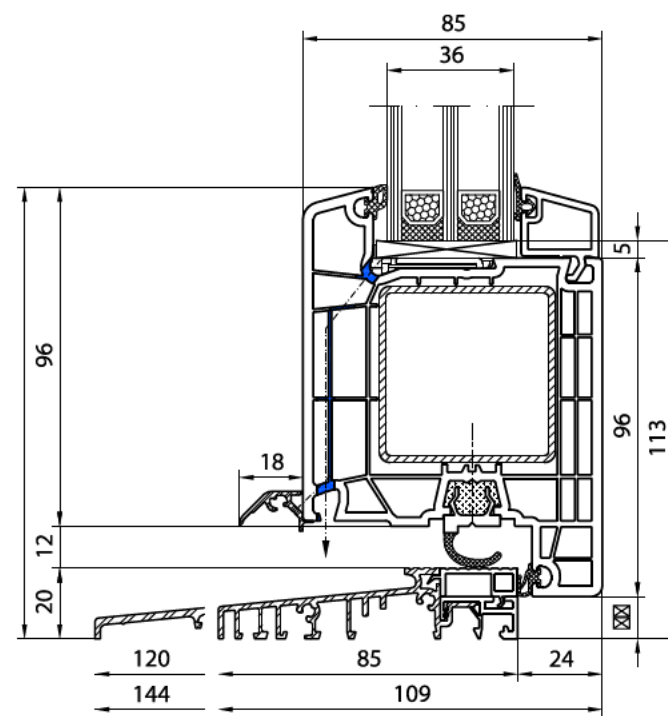
## SBW 100



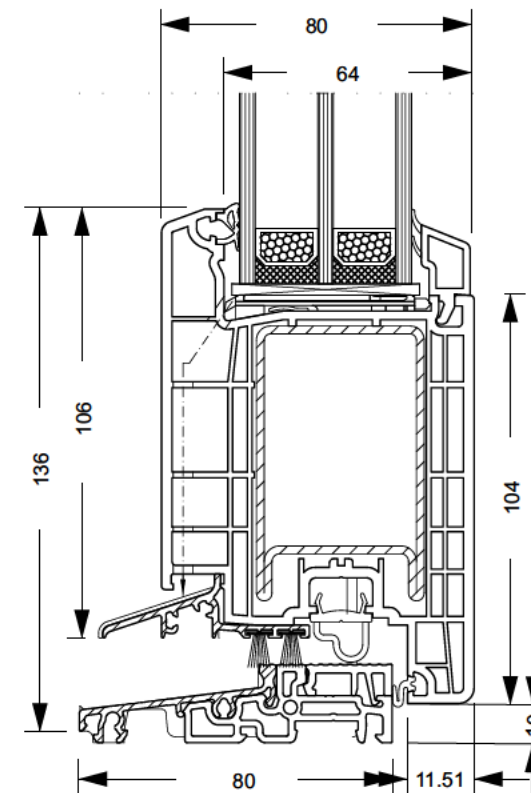
## SBW 95 NEO



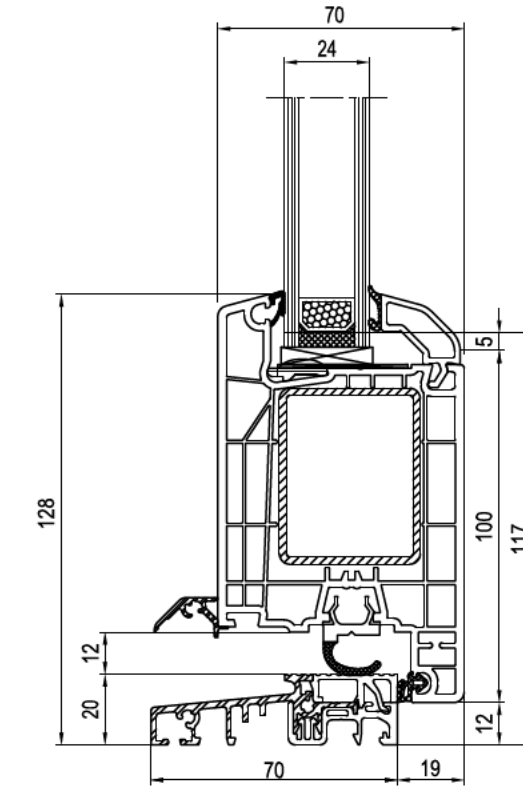
## SBW 85



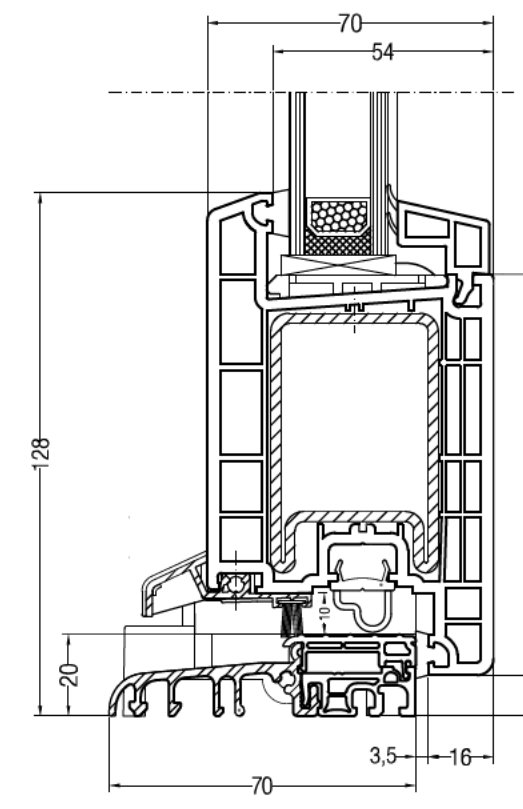
## SBW 80



## SBW 75



## SBW 70





## SBW<sup>®</sup> – THE SPECIALIST IN WIDE OPENINGS

- Best price on the market
- Most modern technology used
- Fastest delivery time life!

### SBW<sup>®</sup> brings your ideas to life!

Sliding doors and windows allow light to enter rooms and are an ideal way to connect indoor and outdoor spaces. Building users trust a certified system that ensures easy handling, optimal sound insulation and efficient anti-burglary protection along with the highest level of energy efficiency.



Professionals for the ideal windows for your home.

Lift-and-slide DOORS HST

## SBW<sup>®</sup> GLISSANDOOR 100

### Consistent expansion of the innovative family of Barrier systems.

RAU-FIPRO material: Fiber reinforced PVC, RAU-PVC, does not contain cadmium and lead Sound insulation up to  $R_{wP}=42$  dB  
Anti-burglary protection up to Wk2 according to DIN V ENV 1627  
Design depth casing/leaf 203 mm/86 mm.  
Thermal insulating glass pack - 3 glass sheets 44 and 52 mm

### Design dimensions

- White profile: L max 10000 mm, H max 2700 mm L max leaf 2600 mm
- Colour profile: L max 6800 mm, H max 2600 mm L max leaf 2600 mm
- L min of leaf is 1000 mm
- Maximum weight of the leaf: 400 kg

### 3 types of thresholds

- 1. Threshold at ground level (photo) - Installation is recommended in new buildings.
- 2. Thermostep threshold (flush mounted) - Installation is recommended in new buildings.
- 3. Flatstep threshold (20 mm) - Recommended for renovations / Installed directly on the floor.





## Sliding DOORS with parallel sliding

# SBW® Smart SLIDE 75

### Operation efficiency

**Smart Slide 75** sliding doors represent a new generation in the field of sliding doors with parallel sliding. Above all, they are characterized by excellent technical solutions and ease of operation.

### STABILITY AND THE POSSIBILITY OF OBTAINING LARGE STRUCTURES

Wide glass surfaces are very fashionable. Smart Slide 75 sliding doors rise to the challenge, allowing the realization of a glazed structure with a total size of 4 x 2.3 m.

Profile sash width 70 mm

Value of the thermal transfer coefficient  $U_f = 1.3 \text{ W/m}^2\text{K}$

Glass thickness up to 40 mm

Modern classic-line design

Hidden accessories

The smart-slide door comes in two designs A or C:

A: 2 leaves with one mobile swing leaf

C: 4 leaves with two mobile central swing leaves

Design dimensions:

- Design A – 3000 mm x 2500 mm
- Design C – 4000 mm x 2500 mm



## Folding DOORS

# SBW® HARMONIQUE 80

### With folding SBW doors, nature will enter your home!

It represents the ideal solution that allows greater opening freedom, without the obstacle of a cross piece or fixed panels. Thus, it can reach up to 6 component elements, on fixed rails or embedded in the floor.

The mobility of this model allows total opening.

The bottom threshold can be visible or mounted in the floor.

They can be made of PVC, or our recommendation, aluminum.

The accordion mechanism made of movable folding sliding harmonic sheets allows the opening of the desired surface.

Value of the thermal transfer coefficient  $U_f = 2 \text{ W/m}^2\text{K}$

### Dimensions available:

- Design 330: L max frame - 2830 mm; H max frame - 2450 mm
- Design 321: L max frame - 2830 mm; H max frame - 2450 mm
- Design 431: L max frame - 3700 mm; H max frame - 2450 mm
- Design 550: L max frame - 4550 mm; H max frame - 2450 mm
- Design 541: L max frame - 4550 mm; H max frame - 2450 mm
- Design 532: L max frame - 4550 mm; H max frame - 2450 mm
- Design 651: L max frame - 5400 mm; H max frame - 2450 mm
- Design 633: L max frame - 5400 mm; H max frame - 2450 mm





## Parallel sliding or swing-and-slide DOORS

# SBW Patio ALVERSA

**SBW ALVERSA** can compete as a parallel sliding system or as a swing-and-slide em. Can be made on all series of SBW profiles (according to the corresponding glass packs). Comfort and safety with advanced technology for high-quality sliding windows and doors.

### DESIGN DIMENSIONS

#### Alversa Air Com

Roto Patio system with swing ventilation and sash stop system on closing due to integrated damping elements (in carrier and sliding scissor)

- sash rebate width: 720 – 2,000 mm
- sash rebate height: 900 – 2,700 mm
- sash weight up to a maximum of 200 kg

#### Alversa KS

Roto Patio system Alversa KS parallel sliding and swing ventilation.

- sash rebate width: 600 – 1,650 mm sash
- rebate height: 600 – 2,350 mm sash weight
- up to a maximum of 160 kg



Name	Recommended place of use	Dimensional limits	Glass thickness	Through hole (remaining space)
Glissandoor 100 HST (lift-and-slide)	Private houses Residential segment Patio access with very wide outward opening	<b>White profile:</b> leaf width = 1000 - 2600 mm maximum height = 2700 mm <b>Colour profile:</b> leaf width = 1000 - 2600 mm maximum height = 2600 mm	44 and 52 mm	46%
Smart Slide 75	Private homes Public buildings	leaf width = 1500 mm maximum height = 2200 mm	24 , 36 and 40 mm	45%
Harmonique 80	Hotels, Bistros, Restaurants, All 8 designs Cafes, Access to gardens or patios In conference rooms, Office buildings, Private houses	All 8 designs	42 and 50 mm	90%
Tilt-and-slide with hardware	Private houses Residential segment Patio access with very wide outward opening	Alversa PS Air Com: sash rebate width: 720 – 2000 mm sash rebate height: 900 – 2,700 mm sash weight up to a maximum of 200 kg Alversa KS: sash rebate width: 600 – 1,650 mm sash rebate height: 600 – 2,350 mm sash weight up to a maximum of 160 kg	Depending on the series of profiles used in the offer	46%



# Glass

## Thermal insulating window SBW®

Glass represents about 80% of the surface of a joinery and special attention needs to be paid in its production. Insulating windows have become increasingly important due to their contribution to energy saving, thermal and acoustic comfort, and the safety of people and assets.

### Components of the Thermal Insulating Window:

1. Glass
2. Inert gas - Argon
3. Middle glass
4. Low E interior glass
5. Spacer rod

## 5 aspects for comfort and safety

The basic structure of the glass assembly consists of a SBW Sun Control glass sheet (exterior), float glass (middle) and a Low E glass sheet (interior). Generally, the thickness of the glass sheets is 4 mm (6 mm if the dimensions exceed 1500 mm).

- glass pack 52 mm
- light transmission 58 - 73%
- sound attenuation 33% decibels
- heat transfer coefficient (Ug)
- 0.5 W/m²K (with inert gas)

## Which type of glass do SBW specialists recommend?

For the best thermal and sound insulation, SBW recommends 3-sheet glass packs with thicknesses between 40 and 52 mm. The flexible and connector jointed, warm edge or aluminum rod, automatically filled with molecular screen, eliminates gas loss and has a superior seal compared to plastic angle joint. Due to the inert gas between the glass sheets (argon), the thermal characteristics of the glass pack are considerably improved.

**During the entire service life, the argon is not lost!!**

### SBW Sun Control

Clear glass with better reflection, visual comfort and increased solar factor. SBW Sun Control allows both maintaining an optimal temperature and minimizing the energy costs of the home throughout the year.

### Inert gas insert

Inserting the inert gas before the perimeter sealing of the glass pack considerably increases its insulating capacity. Commonly used inert gases are argon or krypton.

### Middle glass

Designed as a thermal barrier between the outside and the inside to maintain a thermal balance. Optimum temperatures are obtained regardless of the weather outside.

### Low E interior glass

Glass with increased insulating capacity and neutral appearance. Substantially reduces heat transfer and the occurrence of mold inside.

### Thermal spacer

The glass sheet divider inside the pack improves the thermal performance of the window, and prevents the unpleasant occurrence of condensation.



## Glass sandblasted with pattern

The glass sandblasting process consists in its mechanically "matting". Sandblasting can be uniform or with a pattern.

The method is used to produce different designs on the surface of a glass, be it deep etching, making discrete images or creating patterns with spectacular effects that imitate ice or obstruct direct visibility in a certain space.

The results can be geometrically inspired, with elements from nature or abstract, using a wide variety of colours.

The patterned sandblasted glass also has a transparent part, thus allowing visibility from one room to another or from inside to outside and vice versa.

Model	Benefit	Light transmission	Thermal transfer	Solar factor
Low E Float Low E	Low price, high benefits	74%	0.6 w/mpk	0.54
Low E Float 331 Low E	Excellent price-quality ratio and antiburglary	74%	0.6 *w/mpk	0.54
Sun Control Float Low E	Thermally superior	65%	0.6/0.5 w/mpk	0.35
Sun Control Float 331 Low E	Acoustically superior and excellent protection	64%	0.6/0.5 w/mpk	0.35
331 Low E Float 442 Low E	Sound protection and absolute antiburglary	73%	0.6/0.5 w/mpk	0.5

\*Coeficient termic în cazul folosirii distanțierului warm-edge



## Accessories Glass

### Interior and optionally exterior mullions

#### Interior mullions

Decorative elements inserted inside the glass pack.

Dimensions 8, 18 or 26 mm.

Colours (8 mm): white, gold.

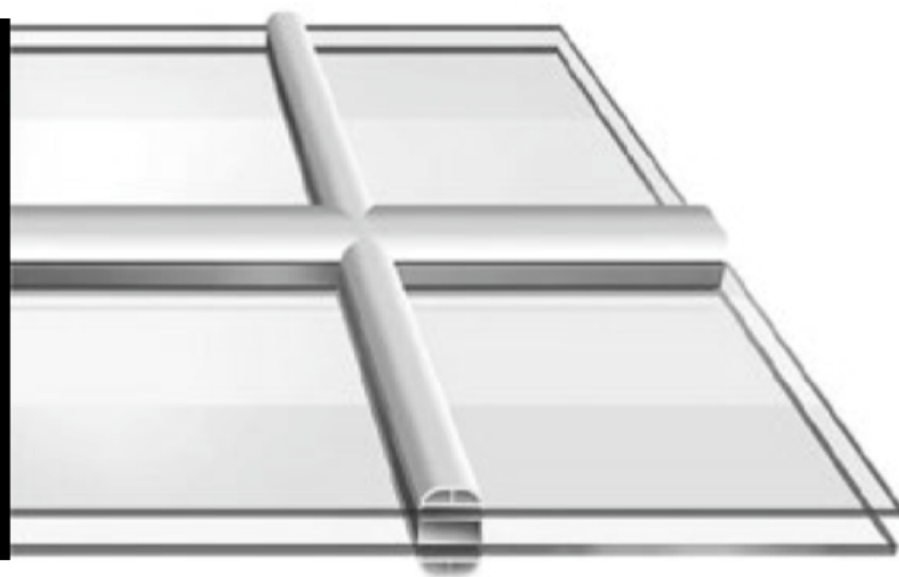
Colours (18 mm, 26 mm): white, standard colours, nonstandard colours.

#### Exterior mullions

Decorative elements glued to the inner and outer surface of the glass.

Dimensions 26 or 35 mm and 26 mm or 28 mm.

Colours: white, standard colours, non-standard colours.



## Integrated blinds or venetian blinds

Venetian blinds are a premium product that proves great reliability over time.

Since the blinds are integrated inside the thermal insulating window, they do not get dirty or deteriorate over the years.

Ways of use: manual with cord / with magnet on the window or electrical with remote control.

Model C is a venetian blind with a manual mechanism that is operated by means of a cord attached (glued) to the outside of the GI.

Model S is a venetian blind with a manual mechanism that is operated by means of a magnet that slides on the side of the insulating window, attached to the outside of the GI.

Model W is a venetian blind with an electrically operated mechanism by means of an electric motor and a panel () with buttons hung on the outside of the GI.

Accessories are optional, they are not included in the price of the venetian blind and must be ordered separately as needed:

- EU or UK charger
- Battery module with control buttons (cannot be controlled wirelessly by remote control)
- Battery module with control buttons and radio receiver for optional remote control
- Radio remote control for controlling venetian blinds equipped with battery module and radio receiver
- Solar panel

## Accessories Glass

Model C



Model W



Model S



## SBW<sup>®</sup> Aluminu

SBW aluminum products made with Aluprof, Alumil and Schuco: windows, doors and curtain walls.

Aluminum profiles have a wide range of uses. They can be used both in exterior joinery, where they provide additional insulation, and in interior partitioning, being used in joinery elements or partition walls. Windows, doors and facades play a vital role in the external appearance of buildings, which leads to the need for a wide variety of colours and textures to be able to cover all needs. Aluminum has this advantage over other materials because its palette of colours and textures is unlimited. Apart from appearance, surface treatments are also responsible for the protection of aluminum profiles from the environment and increased usage. It benefits from all the characteristics relevant for the resistance to corrosion, chipping and fading. In the end, the correct installation and the quality materials used can define the final product.



## SBW<sup>®</sup> Silver M9660

SBW<sup>®</sup> Silver M9660 is a thermal break system from Alumil which ensures cost-saving and quality constructions for a lot of typologies with outstanding performance and adequate thermal insulation. Ideal for renovations, combining safety and functionality without requiring high investment costs.

### Caracteristici tehnice

Frame width	56 mm
Sash width	63.5 mm
Minimum visible area	101.5 mm
Minimum visible area of the "T" profile	70 mm
Maximum sash weight	130 kg
Thermal insulating glass thickness	20 - 47 mm
Cross-section thickness	1.4 - 1.6 mm
Polyamide	24 mm
Heat transfer coefficient	Uf= 1.8 - 1.5 W/ m²k





## SBW® Silver M11000

**SBW® Silver M11000 is a complex swing joinery system from Alumil, intended for the production of windows and doors with thermal break.**

### Technical specifications

Frame width	62.5 mm
Sash width	70 mm
Minimum visible area	86 mm
Minimum visible area of the "T" profile	70 mm
Maximum sash weight	130 kg
Thermal insulating glass thickness	pana la 46 mm
Cross-section thickness	1.1 - 1.6 mm
Polyamide	24 mm
Heat transfer coefficient	Uf= 2.3 - 2.9 W/ m²K

### Technical specifications

- swing joinery system with thermal break
- polyurethane insert
- European/PVC channel
- frame width: 77mm
- sash width: 85mm
- maximum sash weight: 130 kg
- Uf > 0.85 W/m²K
- Thermal insulating glass pack: 24-52 mm

## SBW® Silver S77

**Profile in the Premium range** from Alumil with a very efficient insulation, dedicated to houses with low energy consumption (passive houses).



## SBW® Silver S560

**SBW® Silver S560** is a robust system from Alumil, of lift-and-slide type, which offers a high level of thermal insulation and flexibility in the realization of specific typologies, being a suitable system for making large openings. S560 stands out for its flexibility, ensuring the execution of small, medium or very large sizes.

### Technical specifications

Sash width	56 mm
Double sash width	128 mm
Visible width	122.5 mm
Lower frame height	45 mm
Sash height	86 mm
Maximum mechanism weight	90, 200 & 300 Kg
Thermal insulating glass thickness	from 24 to 42 mm
Cross-section thickness	up to 2 mm
Polyamide	24 mm
Heat transfer coefficient	Uf= 2.2 - 5.9 W/ m²K

## SBW® Silver M19800

### Technical specifications

- Thermal barrier: Yes
- Height limitations hmax=2500mm
- sash width limitations lmax=1000mm
- Hardware: Alumil system
- Thermal coefficient: Uf 1.9 w/ m²K
- Maximum sash weight: 125 kg
- Hinge: 250 kg
- Seal pack: 24-28 mm
- Interior and exterior opening

**SBW® Silver M19800** from **Alumil** is a thermal break system for accordion doors, with 50 mm thickness leaves. Recommended for swimming pool, patio etc. covers.



## SBW® Platinum MB-78EI

**Barrier® Platinum MB-78EI** from Aluprof, is dedicated to the creation of interior and exterior fireproof partitions with doors, with single or double opening, with fire resistance class EI 15, EI 30, EI 45, EI 60 or EI 90, according to standard PN-EN 13501-2:2010.

The structure of the MB-78 EI system is based on thermally insulated aluminum profiles with a depth of 78 mm. They are characterized by a low global thermal transfer coefficient U, thanks to the insertion, among other things, of special profiled thermal barriers with a width of 34 mm. High temperature resistance is ensured by the special flame-retardant elements – GKF or CI – inserted in the inner chambers of the profiles and in the sealing spaces between the profiles and accessories and the steel joints.

### Technical specifications

Wall and door frame depth	78 mm
Leaf depth	78 mm
Wall and door frame width	51mm / 72 mm
Door leaf profile width	72 mm / 51 mm
Glazing range	8-49 mm

### Technical parameters

Air permeability	Class 2, PN-EN 12207:2001
Impermeability	Class 5A, PN-EN 12208:2001
Fire resistance	Classes EI 15, EI 30, EI 45, EI 60, EI 90 according to EN 13501-2, Classes EI 15, EI 30, EI 45, EI 60, according to AT-15-6006/2012
Thermal sealing (coeff.)	From 1.6 W/m²K
Sound insulation (coeff.)	Up to 41dB

## SBW® Platinum MB-SKYLINE

The MB-SKYLINE hidden frame sliding door system from Aluprof has narrow profiles, thanks to which the structures gain a modern and minimalistic look. Doors manufactured with this system give the building a special style and provide a new class to the entire investment. It ensures the user a comfortable passage, without a threshold, from the house to the patio, representing after opening the perfect fusion of the interior of the building with the surrounding environment.

### Functionality and aesthetics:

- profiles with a depth of 71 mm (wing) and 190 mm (2-rail frame) and 292 mm (3-rail frame)
- Movable panes with a weight of max. 700 kg and large sizes - up to 4 m in height
- profiles with 3-chamber structure and thermal insulation
- glazing with packs of 3 glass sheets with thicknesses between 52 and 60 mm
- mechanisms and control panel hidden in frame profiles
- No limitations regarding the width of the structure - the doors can be joined and can make a continuous series of glazed windows
- Thermal insulation: UW from 0.85 W/(m²K)\*



## SBW<sup>®</sup> Platinum MB-70

**SBW<sup>®</sup> Platinum MB-70** is a modern aluminum system from Aluprof that is used in the execution of architectural elements that require thermal and sound insulation, such as different types of windows, doors, showcases, structural constructions, etc.

The profiles of the system are structured on three chambers, the design depth of the window profile is 70 mm for the frame and 79 mm for the sash, and of the doors 70 mm and 70 mm, respectively.

### Technical specifications

Thermal coefficient Uf	>1 W/m <sup>2</sup> K
Maximum sash weight	160kg
Design frame width	70 mm
Design sash width	70 mm
Polyamide	34 mm
GT Pack (mm)	24 - 52

## SBW<sup>®</sup> Platinum MB-60 economic

**SBW<sup>®</sup> Platinum MB-60 economic** is a modern aluminum system, from Aluprof, that is used in the execution of architectural elements that require thermal and sound insulation: different types of windows, doors, showcases, structural constructions, etc. The profiles of the system are structured on three chambers, the design depth of the window sections is 60 mm for the frame and 69 mm for the sash, and for the door, 60 mm and 60 mm, respectively.

### Technical specifications

Thermal coefficient Uf	1.4 - 2.8 W/m <sup>2</sup> K
Maximum sash weight	130 kg
Design frame width	60 mm
Design sash width	60 mm
Polyamide	24 mm
GT Pack (mm)	24 - 40



## SBW® Platinum MB-86

**SBW® Platinum MB-86** is a door and window system with very good parameters, from Aluprof, which meets various needs of users.

The construction of the profiles is made in three variants, depending on the thermal energy saving requirements: ST, SI and AERO. MB-86 is the first aluminum window system in the world to use aerogel - perfect material for thermal insulation. Among the benefits of the MB-86 system is the high strength of the profiles, which allows the creation of large weight and size windows.

### Technical specifications

Thermal coefficient Uf	>0.57 W/m <sup>2</sup> K
Maximum sash weight	200 kg
Design frame width	77 mm
Design sash width	77 mm
Polyamide	43 mm
GT Pack (mm)	24 - 52

## SBW® Platinum MB-86 Fold Line

### System dedicated to folding doors from Aluprof

Exterior folding doors offer greater flexibility to users and favourable weather conditions can be used to our advantage, virtually eliminating the barrier between the interior of the building and its surroundings.

### MB-86 Fold Line functionality and aesthetics:

- durable aluminum profiles, three chambers, with a constructive depth of 86 mm, and 77 mm for the sash,
- profiles equipped with thermal break (24 mm wide for the frame and 34 mm wide casing for the sash), which offer performance excellent thermal insulation,
- hardware dedicated to MB-86 folding doors ensures the comfortable operation of doors with a maximum weight of up to 120 kg/leaf,
- sash dimensions up to 1000 x 2800 mm,
- various threshold solutions: the classic threshold version or the narrow threshold version,
- triplex glass up to 60 mm,
- increased compatibility of constructions based on the MB-86 Fold Line system with the ALUPROF MB-86 window and door system: the profiles are connected similarly;
- can be done with both interior and exterior opening.



## SBW Platinum MB-77HS

Lift-and-slide doors are an ideal solution for rooms or greenhouses with the outside view, constituting a convenient exit to the balcony or garden.

They also go well with the environment and in the open position they do not take up room space, which increases the comfort of their use. The **SBW Platinum MB-77HS** system from Aluprof is one of the products with the best parameters and meets all the requirements for this product group. They can be built in two different insulation options: ST (standard) and HI (high insulation).

It is a lift-and-slide joint system with a track frame depth of 174 mm and sash depth of 77 mm, maximum glass thickness can make lift-and-slide windows with height of up to 200 mm, widths of 3300 mm and weights of up to 400 kg per leaf.

### Technical specifications

- Two types of window frames: 2 rail / 3 rail;
- Frame depth: 174 mm (with double rail profile) or 271 mm (with triple rail profile);
- Load - lifting and sliding system up to 400 kg;
- Maximum sash dimensions: 3300 mm x 3200 mm;
- Sash depth: 77 mm;
- Anti-burglary resistance up to RC 2.

## SBW Titan AWS 60

**SBW Titan AWS 60** offer for each market the right system combination for the required level of thermal insulation. The **SBW Titan AWS 60** windows with Schuco profiles, are characterized by their reduced design depth and small visible widths.

Efficient production and simple installation are other benefits of the **SBW Titan AWS 60** system.

### Technical specifications

- Design depth 60 mm;
- Good thermal insulation due to the wide internal pane;
- Schuco AWS 60 HI window a version with optimized thermal insulation;
- Schuco window series with visible width of 51 mm;
- Design versions: Schuco AWS 60 RL (Restekline), Schuco AWS 60 Slo (SLine) and Schuco AWS 60 BS (BlockSet);
- Schuco Artec SimplySlide hidden handle up to 160 g;
- Burglary resistance up to RC 2;
- Can be combined with the ADS 60 door system;
- Painting the profiles in two colours is possible.



## SBW Titan AWS70.HI

The **SBW Titan AWS 70.HI** windows with Schuco profiles have a high degree of thermal

### Technical specifications

- Uf value of 1.6 W/(m<sup>2</sup>K) at reduced visible widths of only 117 mm;
- Extended insulating area, with composite foam insulating bars;
- Diverse assortment of profiles with three design lines: Residential Line, Soft Line, Steel Contour;
- Schüco AvanTec SimplySmart hidden hardware up to 160kg;
- Tilt-and-turn opening solution with crank, for heavy, large elements;
- Schüco TipTronic up to 160 kg;
- Burglary resistance class RC 2 to RC 3;
- Compatible with the Schüco ADS 70.HI/ ADS 70 HD door system;
- It is possible to paint the profile faces in different colours



## SBW Titan ADS 60

New door **SBW Titan ADS 60**, with Schuco profile suitable for cost-saving entrance solutions in combination with very good thermal insulation. Thanks to the optional features, it can be used as a multifunctional door and integrated into the safety and automation of the building.

### Technical specifications

- Good thermal insulation due to the wide insulating area;
- Uf value 2.64 W/m<sup>2</sup>K;
- Anti-burglary resistance up to RC 3;
- Design depth 50 mm;
- Hinge with rebate fastening, continuously adjustable in three directions;
- Almost coplanar ornament;
- Perfectly compatible with the AWS 60 window system.





## SBW Titan ADS70.HI

New door **SBW Titan ADS 70.HI** (High Insulated) with Schuco profiles, combine excellent thermal insulation with the benefits of Schüco ADS door systems. The design depth of 70 mm provides high stability. Thanks to the optional features, it can be used as a multifunctional door and integrated into the safety and automation of the building. The always up-to-date design can also be found with rounded contours (SL version) and can be ideally combined with Schüco systems for curtain walls and windows.

### Technical specifications

- Increased isolation area with foam padding;
- Uf value 1.89 W/m<sup>2</sup>K;
- Visible width of 147 mm;
- Hinge with rebate fastening, infinitely adjustable in three dimensions;
- Almost coplanar ornament;
- Anti-burglary resistance up to RC 3





## Technical values of aluminum windows and doors

Serie	Silver M9660	Silver M11000	Silver S77	Platinum MB60 E
Profile	Alumil	Alumil	Alumil	Aluprof
Door system	noncoplanar	coplanar	coplanar	coplanar
Thermal barrier	YES	YES	YES	YES
Joinery type	Windows+Balcony doors	Windows+Doors+Balcony doors	Windows+Doors+Balcony doors	Windows+Doors+Balcony doors
Sash channel	PVC	European PVC	European PVC	European
Hardware	ROTO NT	Alumil Easy Roto NT	Alumil Easy Roto NT	Roto Fapim
Coeficient thermal Uf	1.8 - 2.5 W/m²K	2.3 - 2.9 W/m²K	>0.85 W/m²K	1.4 - 2.8 W/m²K
Maximum sash weight	130 kg	130 kg	130 kg	130 kg
Design frame width	56 mm	62.5 mm	77 mm	60 mm
Design sash width	63.5 mm	70 mm	85 mm	60 mm
Polyamide	24 mm	24 mm	40 mm	24 mm
GT Pack (mm)	24 - 40	24 - 42	36 - 48	24 - 40

Platinum MB70	Platinum MB86	Titan AWS60	Titan AWS70HI	Titan ADS70HI
Aluprof	Aluprof	Schuco	Schuco	Schuco
coplanar	coplanar	noncoplanar	noncoplanar	coplanar
YES	YES	YES	YES	YES
Windows+Doors+Balcony doors	Windows+Doors+Balcony	Windows+Balcony doors	Windows+Balcony doors	Doors
European	doors	European	European	European
Roto Fapim	European	SimplySmart Shuco	SimplySmart Shuco	SafeMatic
>1.0 W/m²K	Roto Fapim	<2.1 W/m²K	<1.6 W/m²K	<1.8 W/m²K
160 kg	>0.57 W/m²K	130 kg	130 kg	150 kg
70 mm	200 kg	60 mm	70 mm	70 mm
70 mm	77 mm	70 mm	80 mm	70 mm
34 mm	77 mm	20 mm	30 mm	30 mm
24 - 52	43 mm	24 - 40	36 - 50	36 - 50
	24 - 52			



## CURTAIN walls

Self-supporting glass and aluminum facades with sound and thermal insulating properties are commonly called "curtain walls", used both vertically or horizontally, with positive or negative slope, but also for roofs (skylights, domes). Curtain walls are an easy way to "cover a building in glass".

There are several types of curtain walls: classic - where an aluminum profile is seen both horizontally and vertically; semi-structural - where it is seen only horizontally; structural - where no profile can be seen on the outside. The curtain walls are calculated by colleagues from DAS (Special Aluminum Division). Depending on each individual project, our specialists determine the profile series to be used.

The DAS division can also create interior glass partitions, aluminum and glass railings, ventilated facades and HPL partitions.



## CURTAIN walls

SBW® Titan FWS 50  
SBW Platinum MBSR 50N  
SBW Silver M7

- CLASSIC
- STRUCTURAL
- SEMI-STRUCTURAL

## SBW GARAGE

Welcome home!

The easy access of vehicles and their protection, in varied traffic conditions, is an important concern even since setting out the garage project.

**SBW Garage** produces and installs the elements that allow the safe entry of vehicles into premises and buildings. The high quality standard ensures flawless operation in a wide range of spaces.

The garage doors SBW respond to a wide range of uses, with the design and safety you need. You have at your disposal customized solutions for roller shutter doors, industrial and residential sectional doors, gate and door drives and automations, or barriers to limit and control access to premises.



## SBW VIP

- premium finishes
- premium accessories
- optional: pedestrian door with special design

SBW makes it all possible, and VIP customers know what that means. Luxury, exclusive requirements, both technical and image, regarding garage doors, only have one answer: **SBW VIP**.

The technical characteristics of this sectional door model are superior to ordinary models due to special components.

We can incorporate a pedestrian door with a special aesthetic finish.

## SBW Scudo

The design and finish of this garage door model integrates perfectly with the image of SBW's windows, doors and shutters (through colour and texture). The panels used for garage doors are specially designed to achieve a unified and harmonious architectural look of the house. They are equipped with a mechanical running and balancing system in two versions, reliable and robust, with torsion springs guaranteed for 25,000 cycles, with anti-fall safety system and silent rollers with bearings.



## SBW T.ROL - Roller shutter garage doors



Roller shutter access doors for vehicles or people can be made of metal slats (aluminum or steel) that lift and roll up on a shaft located above the circulation gap.

This is the most economical option for making such closures, also requiring the smallest installation space.

The **SBW T.ROL** door closes the circulation gap with a surface made of double aluminum slats with polyurethane insulation, having heights of 55 mm or 77 mm.

Colours can be identical or matched to the windows and doors produced by SBW

## SBW CRISTAL



Designed to protect and illuminate the interior space. Natural light will reach inside, the glazing being made with perfectly transparent or translucent elements, according to preference.

Thus, an important energy saving will be obtained for the daytime interior lighting.

The glazed surface of the Barrier CRISTAL door can be made with safety glass, in one layer, for ordinary uses, or double thermal insulating layer.



# SBW MATIC AUTOMATION

## Mechanical systems for swing/sliding gates and barriers

Vehicles are part of our lives and a necessary part of the business you develop. SBW produces and installs all the elements that allow easy and safe access of cars in premises and buildings.

### Accessories for gate automation:

- infrared photocells,
- touch-sensitive edge,
- signal lamp,
- coded radio receiver,
- coded radio remote controls,
- reinforced steel or plastic racks.

### Mechanical systems and accessories for gates

- Sliding doors suspended in console
- sliding system for self-supporting gates with a maximum opening of 6 m and a maximum weight of 400 kg,
  - sliding system for self-supporting gates with a maximum opening of 6 m and a maximum weight of 600 kg.

### Sliding gates on ground rail

### Swing gates

### Barriers

- Traffic lane restricting barriers
- Parking space reservation barrier

# SBW INDUSTRIAL

**Good luck with your work!**

We know what performance and promises kept mean. SBW Industrial represents our specialized division for advice, production and installation of automated industrial access systems. Quality represents us in this field also; we offer certificates for each product group.



## SBW FORTIUS

In the field of industrial closures, sectional doors are used, in most cases, due to their multiple benefits.

**SBW FORTIUS** complements these benefits with high quality and reliability, at the level of the highest global standards. Industrial sectional doors represent the optimal and most often adopted solution in the industrial environment, for access to almost any type of building. These industrial sectional doors are made on order according to the desired dimensions. They are in accordance with European quality and safety standards.

Comfort and durability make them the ideal product for your premises.  
Maximum dimensions: 7000 x 5050.  
Possibility of being made with glazed panels.

## SBW COBRA

**The SBW COBRA** high speed doors are provided for access ways with high use frequency, on the partition walls between the compartments of an industrial building or in combination with sectional doors, on exterior walls. The door surface can have various colours and can include a transparent area.

The screen is flexible, made of plastic material reinforced with polyester fabrics, in which horizontal stiffening bars are included. It lifts and folds over the gap, and its flexibility and light weight allow it to move faster than other types of doors.

The SBW COBRA high speed doors are equipped with heavy-duty motors, controlled by buttons, remote control or various sensors (radar, inductive detection, optical detection, etc.). The maximum dimensions are 10000 x 10000 mm.





## SBW GALAXY

The **SBW GALAXY** high speed doors are provided for access ways with high use frequency, on the partition walls between the compartments of an industrial building.

The screen is flexible, made of plastic material reinforced with polyester fabrics. It winds on a shaft, above the gap, and its flexibility and light weight allow it to move fast. The surface of the door can have various colours and can contain a transparent area, to allow visual communication between spaces.

The **SBW GALAXY** high speed doors are equipped with heavy-duty motors, controlled by buttons, remote control or various sensors (radar, inductive detection, optical detection, etc.). Maximum dimensions for **SBW GALAXY** high speed doors are 5000 x 5000 mm.



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# PORTFOLIO SBW





# PORTOFOLIO SBW





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