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INDEX

4 - 5	COMPANY
6 - 7	ALUMINUM - WOOD
8 - 9	WOOD - ALUMINIUM
10 - 13	PVC
14 - 15	ALUMINIUM
16	SLIDING
17	SLIDING PARALLEL
18	SLIDING FRAME
19	PIVOT
20 - 21	ALUMINIUM SHUTTER
22	STRONG POINTS
23	CERTIFICATION

COMPANY

S&W started its activity as a specialist in the manufacturing of Aluminum-wood doors and windows. With the change of market Trends, S&W created new product lines to adapt to all its customers' needs, in particular: systems in PVC, wood-aluminum and aluminum today, it's among the most important companies in the production of windows and it distributes its products to many European countries, through a network of retailers.

Reliability and high quality are ensured by the specific technologies and equipment used in its factory. All the work stations are controlled by an internal management system that develops and generates all the necessary information to keep an automatic and functional production cycle.

Producing solutions "avant-garde" represents not only the innovative spirit of the company, but above all desire to offer products that are capable of anticipating the requirements of the customers, always guaranteeing professionalism and reliability, using profiles that are continually tested and certified by principal European institutes.

Thanks to the know-how developed over the years, S&W will be able to confront with future innovations demonstrating to be always a "leader" in this sector, satisfying in this way the numerous and different request of market using whichever solution of shape and fittings.



ALUMINUM - WOOD

The S&W termik model originates from an accurate technical study elaborated by expert personnel with great experience in this sector.

It is a product that is distinguished by the design "soft-line" with soft rounded frames that give a pleasing welcome and harmony with any type of furnishing.

Other than the KOMETA line, series is completed by termik realized completely in aluminum thermal-cut profiles leaving in this way the original internal and external design.

Through a low emission padding, one can satisfy the thermal transmission values required by laws in force. Kometa is a product with characteristics of consistency, elegance, thermal and acoustic efficiency that answers the highest technical requirements representing an added value to those who acquire the fixtures.

SHAPE SOLUTIONS AND OPENING

To the different and numerous requests for windows unites the tradition for wood to the innovation of aluminum managing this way to satisfy any solution of shape and opening with traditional ironware and /or perimetral.



WOOD - ALUMINIUM

They can easily integrate into any environment, while ensuring thermal- acoustic insulation and elegance .they largely satisfy the needs of those customers who wish to leave outside all the undesirable elements, such as: cold ,wind, water, noise.

Quality of materials, professionalism and technology associated with craftsmanship are the strengths of wood/aluminum doors and windows. they feature a very high thermal-acoustic insulation system and can boast durability and weather resistance.

This is thanks to an inner wooden supporting structure, and an aluminum coating outside, which a maintenance free, extremely resistant and insulating product.

With a wide range of colours, even the aluminum can be perfectly adapted to any architectural context. The wide selection of wood types allows the inner part of the frame to match perfectly with the decoration of any location.

The inner part of a frame is chose among the various solutions offered by the wood, to create the perfect atmosphere for any cosy and refined room.





PVC

ECO-FRIENDLY AND NOT HARMFUL PROFILE

PVC, or polyvinyl chloride, is a thermoplastic material produced from raw materials derived from petroleum and natural salt.

It's one of most adaptable, insulating and not flammable plastic materials and it boasts a very high resistance.

Using a PVC being 100% recyclable and free of lead (which is harmful to the environment) is a crucial point.

Instead of lead, high eco-compatibility calcium/zinc stabilizers are used.

Also make sure that the PVC used does not contain any harmful or carcinogenic substances such as phthalates and plasticisers

This is precisely why doors and windows bear relevant CE marking, boast appropriate certifications and are 100% recyclable at disposal.

PVC FRAME PROFILE CHAMBERS

This type of frames shows some air chambers inside, i.e. some cavities inside the profiles to increase the profiles to increase the thermal and acoustic insulation capacity of the frame.

Pay close to the number of profile chambers. In general, the greater the number of chambers the better the performances achievable. Our PVC windows only use profiles with 5 chambers, providing far superior performance compared to the other products with 3 or 4 chambers.

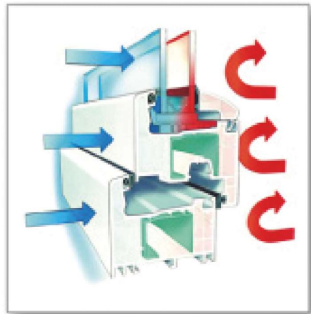
GLAZING INSTALLED

There are hundreds of glazing models today on the market, offering different features. A good glass must first enable to both thermally and acoustically insulate the house, and possibly act as a filter to the sun's UV rays . all this results into real savings on your energy bills as it lowers the costs of both heating and cooling for your home. Our range of PVC frames is provided, as a standard, with the proprietary low emission selective argon gas glazing pane.

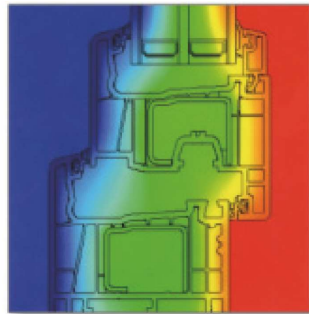
With the old windows, heat loss in a single-family home is almost 30% of the heating energy .

The modern thermal glazing systems have values U_g 1.1W/K

With triple glazing systems, you can even reach U_g values lower than 0.5W/K



Heat insulated windows:
cold air stays out, the warm air inside.



Thermal insulation:
distribution optimized thermal isotherms.

FITTING

The type of fitting installed leaf movement and handle operation is crucial when choosing a frame. A good quality fitting is important to allow an easy and effortless opening of the window, even when it has a big size. Always ask for continuous Hardware, i.e. installed along the whole perimeter of the leaf to prevent burglary. To ensure your home and family the maximum protection, use standard hardware by SIEGENIA-TITAN AF a particular type of anti-tamper, multi-point locking hardware with security pins with burglar-resistant striker effective in both closed and tilted positions.

INTERNAL REINFORCEMENTS

It is advisable to internally reinforce the PVC frames with some steel profiles. This ensures the frame its maximum strength in time avoiding the risk of deformation when exposed to extreme climate changes. That's why we use duly certified as non-radioactive galvanized steel profiles, both in the leaf and in the frame



DOORS AND WINDOWS NEED MINIMUM MAINTENANCE

When choosing PVC doors and windows, the key points to consider are the guarantee of greater living comfort and reduced costs for care and Maintenance.

All S&W doors and windows are durable , need minimum maintenance and are easy to clean with standard detergents using long lasting materials resistant to weathering.

Many years have passed by, before our doors and windows may need some maintenance, i.e. painting, and their material is mould free, even under the harshest elements or extreme weather conditions.

Its hardware meets the corrosion test requirements that's why it passed as fit for seaside areas too.

ADVANTAGE:

PROTECTION AGAINST NOISE
PROTECTION FROM ENERGY LOSSES
AIR AND HEAVY RAIN PROOF
BURGLAR-RESISTANT

ENVIRONMENT COMFORM AND DESIGN
BAD WETHER RESISTANCE AND DURABILITY
EASY AND SAFE OPERATION
SIMPLE CLEANING /MINIMUM MAINTENANCE



ALUMINUM

Extremely popular with architects, aluminum windows help accentuate the clean lines of modern design. Aluminum windows are not only beautiful they are extremely durable to achieve unique architectural vision.

Choose among four versatile colors including Clear Anodized and Bronze Anodized frames.

Depending on your region, you may be using S&W thermally improved aluminum Windows.

The use of thermal windows aluminum vastly improves insulating ability.

Polyurethane is placed between the frame to create a thermal and reduce the flow to heat.

Aluminum windows are equipped with this thermal break and as result, are more e energy efficient.





SLIDING PARALLEL

The parallel is a sliding window suitable for opening that allow easy connection between the inside and outside of the home . Ideal for all environments that require special optimization of space.

It is a frame with all the characteristics of a sliding door or window that does not omit anything in terms of thermal and acoustic efficiency. It also permits the flap opening of the the frame , and it is possible to produce a second fixed or openable shutter or with the flap system, depending on requirements and available space.

Flap Opening Sem-Fixed Shutter



Sliding Opening

Outside View



SLIDING

The sliding system in aluminum-wood unites the characteristics of the beauty of wood and the convenience of aluminum which does not require maintenance against the elements

The doors and sliding windows can be used to create spaces so as to satisfy all requirements. Also it is possible to produce sliding one-panel doors and windows, o 2 and 4..

SLIDING FRAME

The sliding frame is a type of fixture adapt to guarantee a perfect synergy between the inside and outside. It is based on hardware technology that allows the development of a single frame up to a length of three metres and a maximum weight of 250 kgs.

This is ideal for wide access to the garden or swimming pool. It can be realized with a sliding frame, two sliding frames or double sliding door that disappears into the wall.



PIVOT

The pivot fixture in aluminum/wood. Ideal for large panoramic-glass windows of large dimensions, with a minimal opening, allows for an exchange of air.

This particular hardware allows the frame to open to 180°, to allow for easy cleaning of the outside glass; is characterized by an intermediate horizontal rotating axis placed in a half-way position on the frame.



Mechanism Closed

Opening at 180°



Pivot Closed



Mechanism in Opening Phase





ALUMINUM SHUTTER

The aluminum shutter is without doubt the hardware product that succeeds in keeping the walls of building in visible uniformity, situating itself perfectly in the urban and environmental context.

Our shutters in aluminum are of a pleasant design, and offer the possibility to have a vast range of "real" or "wood effect" colours, making them adaptable to environments.

There are two solutions : fixed or orientatable shutters. The orientatable shutter as compared to the fixed shutter, has the characteristic of having movable slats allowing for air-flow and to allow light to enter.

Through a lever placed on the perimetral frame, it is possible to have total darkness, allowing for the clients' personal needs

STRONG POINTS

THERMAL AND ACOUSTIC EFFICIENCY

Ample space between the frame and shutter, with the lodging of precamera in EPDM with the addition of SAINT GOBAIN 4/20/4 glass to a maximum of 34 mm this characteristic satisfies the laws in force as regards thermal-acoustic demolition

CONSISTENCY

Profiles extruded in primary aluminium alloy 6060(UNI9006/1) iron fitting SIEGENIA_AUBI richly equipped, produced by the German leader in Europe with perfect registration , whatever the shape of the fixtures.

ELEGANCE

Profile in solid wood with soft rounded frames that give pleasing welcome and harmony with any style of furnishing.

The door handles in brass are provided with a system "securstik" produced by Hope the leading company in Europe

CERTIFICATION AND WARRANTY GARANTEED

Clients who contact us will obtain a free consultancy and a constant presence in all phases of sales and post sales.

This last indicates the high professionalism and high quality that S&W assures its clients.

Also S&W is in possession of a quality certificate UNI EN ISO 9001:2000.

AFTER-SALES, NOT JUST SALE SERVICE

The -after- sale service is a priority for S&W and it assures it comprehensively to its doors and windows the high quality of the materials and the reliable processing techniques used may suggest that service is of minor importance ;also considering the disposable peculiarity of many products around us

Contrary to what happens in many others sectors, the sector of windows and doors is based on fact that these products should last a lifetime so as your home does.

Quality is our strength.

A satisfied customer is our best form of advertising and the high quality of our doors and windows allowed us to grow, thanks to you.