



**S&S**  
**ENTERPRISES**  
**(UPVC DOORS AND WINDOWS)**

WINDOW | DOOR | SLIDING | LIFT & SLIDE | TILT-TURN | BI-FOLD | FIXED





## ***SHARED SUCCESS***

Our customers are highly sophisticated individuals, companies and corporate who expect and deserve the ultimate service from their suppliers such as ourselves. Technical equipment forms the foundation of being able to deliver this promise but equally important is the right team of specialists and factory staff to handle design, equipment, materials and distribution correctly from start to finish and ensure perfect product quality and timeous delivery on a permanent basis.

## ***HIGHEST QUALITY***

By vesting our trust in India most accomplished machinery and software designers and manufacturers, we have the most advanced and modern technology in the industry at our disposal to deliver highest quality products first time and every time. Experience and continual development play a crucial role in the production of S & S ENTERPRISES uPVC windows and doors. By investing in close, cooperative partnerships with reliable and renowned manufacturers, Deceuninck, Wintech and Aluk, S & S ENTERPRISES Windows focuses on environmental protection, sustainability and guarantees the maximum in quality and accuracy.

## ***FUTURE THINKING***

S & S ENTERPRISES uPVC windows do not only present long-lasting durability but they can also be recycled which is another environmental advantage. Plastics are up to 100% recyclable without loss of quality. Due to the fact that uPVC windows are produced environmentally friendly, the uPVC windows can be made out of recyclable material and can be re-used in the future to extend the life-cycles.

40% of all energy losses occur through windows and doors, hence, it is these parts of the building envelope that are the focus of efforts to save valuable energy and reduce the costs of heating and/or cooling. The S & S ENTERPRISES uPVC windows are made using Belgium made Deceuninck profiles, German made WinTech Profile, and Italy made Aluk Profile are suitable even for the top ranked Passivhaus-Standard (Passive House Standard). This fact ensures lowest energy consumption.

## ***INNOVATION***

Innovative high-quality uPVC windows cut energy losses to a minimum. With S & S ENTERPRISES uPVC windows and doors you can contribute to the conservation of increasingly scarce resources and to the reduction of pollutant emissions. Combine environmental protection and living comfort by insulating with S & S ENTERPRISES uPVC windows and doors.

S & S ENTERPRISES has highest level of automation in both the frame assembly as well as the sealed insulated glass unit (commonly known as “Double Glazing”) assembly. Our team has gained a combined experience in the door and window industry, in India, with it’s finger on the pulse with regards to product and material innovations, the ever-changing legal frame work of not only ours but all associated industries as well as socio – economic empowerment of our entire staff complement and their families.

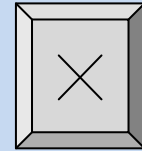
# TYPE OF OPENING AND COLOUR OPTION



## FIXED WINDOW

The Glazing is inserted directly into the frame – there is no sash that could be opened.

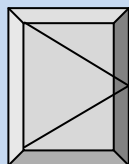
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## CASMENT/SIDE HUNG WINDOW

A Casement is a window that is attached to its frame by one or more hinges at the side. They are used singly or in pairs within a common frame, in which case they are hinged on the outside. Casement windows are often held open using a casement stay.

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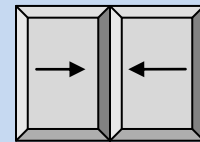




## SLIDING WINDOW

Imagine waking up to an image of a beautiful sunrise. With uPVC sliding windows, that can be a reality. With a gentle push, our sliding windows glide open sideways with the help of rollers, offering easy access to the beauty outside. uPVC sliding windows are best suited for apartments, villas and offices. Available in a range of sizes, they can also be fitted with fly mesh depending on individual preferences.

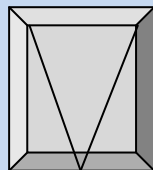
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## TOP HUNG WINDOW

A top hung window is also known as awning window which is used for ventilation, and usually used in kitchens to increase the brightness by letting the light in and it also acts as a barrier against dust and pollution due to the double sealing with TPV gaskets for enhanced thermal and sound insulation.

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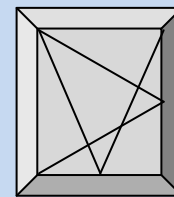




## TILT & TURN WINDOW

Tilt and turn window. This window functions in two ways. The tilt function opens the top of the sash inwards for ventilation, whilst the turn function creates an inward opening side hung operation. Tilt & turn windows can be cleaned from the inside and can also be used as emergency exits.

*Icon to be used in Drawings*



## BAY WINDOW

An uPVC bay window is a uPVC window that is projecting outwards from the wall where it is built, forming a small bay in the room. The angles on the inside part of a uPVC bay window are normally: 90, 135 and 150 degrees. uPVC Bay windows are the perfect way to enhance the appearance of your home. Bay windows are angular in appearance and have three window panels. This makes them perfect for creating a large window sill or even a window seat. As they protrude from your home they give the illusion that your room is larger as well as giving greater views outside.

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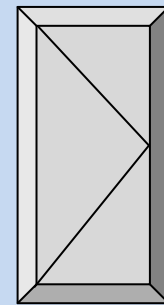




## CASEMENT DOOR

A beautiful and classic door design which is an evergreen choice, Casement door features a single sash that is hinged from the side onto a frame and can be opened on either side. It can also be offered with dual sash, usually referred to as French door. With its excellent thermal and sound insulation properties and tremendous versatility, this charming door is an ideal replacement for your wall.

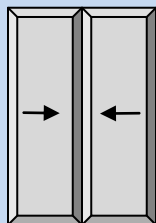
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## SLIDING DOOR

In Sliding doors two or more frames slide horizontally on tracks to the left or the right. The doors are slightly raised above the track for smooth slide and also preventing dust from settling down in the track. Sliding doors are ideal for homes that require space-economy. Sliding doors are affordable option to bring more light into your home, as these cost effective doors can support large spans of glass and have a relatively slim vertical profile. This allows you to maximize the amount of light that can enter your home, showcasing the space to best effect.

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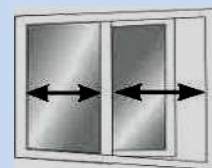




## LIFT & SLIDE DOOR

Lift N Slide door systems separate the sliding and sealing/ locking actions from each other. Lift and Slide allows the door panels to be lifted above that track and slide easily when opening or closing the door. Starting from the closed position, the door is locked and weather seals are engaged in compression. With a 180 degree turn of the door handle, the door unlocks, engaging the wheels and lifts up. This then allows sliding with little effort and without rubbing against the weather seals.

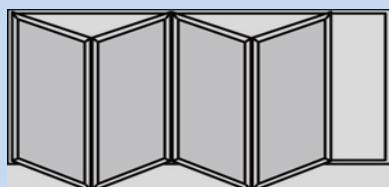
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## SLIDE & FOLD DOOR

Nothing looks - or works - better in rooms overlooking gardens and terraces. This new-generation door, designed for large openings, joins multiple sashes in a unique slide and fold mechanism. The sashes move in either direction (left or right) and can be stacked at either end. It can open from wall to wall for maximum unobstructed opening to the outside, or open partly for ventilation and access. When closed it is extremely secured and insulated, and comes across as a beautiful wall of door panels.

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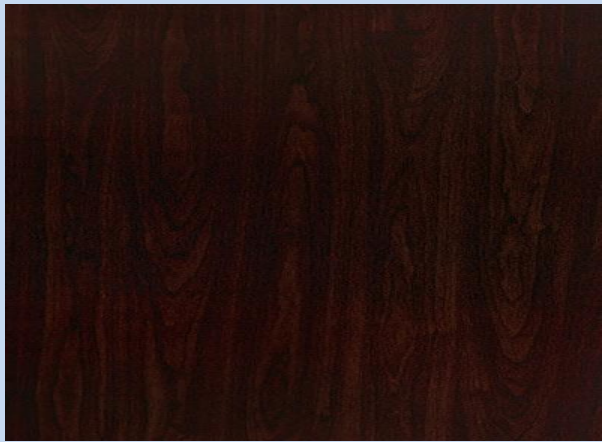




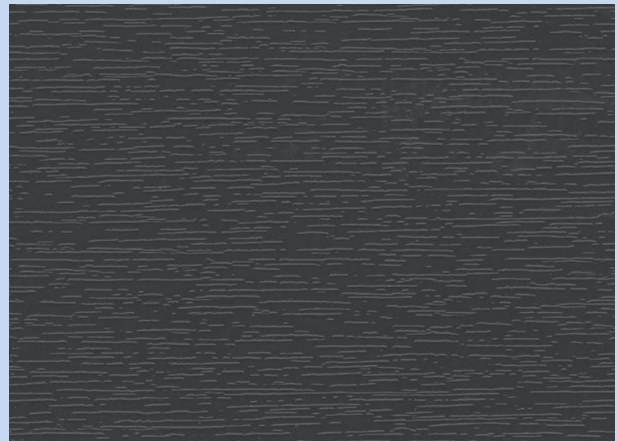
**GOLDEN OAK**



**NUT TREE**



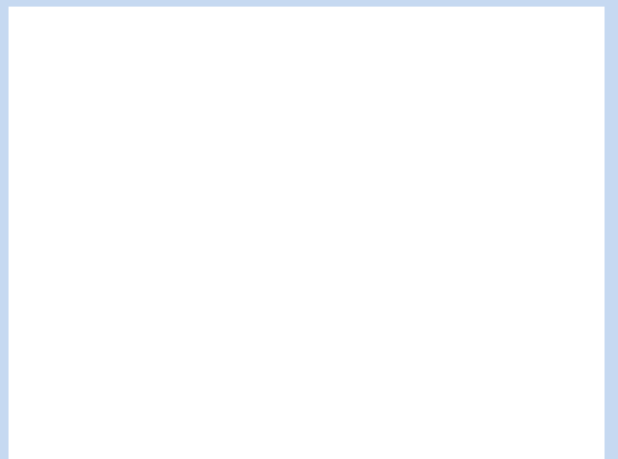
**BLACK CHERRY/WALLNUT**



**ASH BLACK**



**GREY ALLUMINIUM**



**WHITE**

# **SPECIMAN VIEW OF UPVC WINDOW & DOORS**



**FIXED WINDOW**





**CASMENT/SIDE HUNG WINDOW**



**SLIDING WINDOW**





**TOP HUNG WINDOW**





**TILT & TURN WINDOW**





**BAY WINDOW**





**BAY WINDOW**



**BAY WINDOW**





**CASEMENT DOOR**





**SLIDING DOOR**





**LIFT AND SLIDE DOOR**





**LIFT AND SLIDE DOOR**





**SLIDE AND FOLD DOOR**





**SLIDE AND FOLD DOOR**

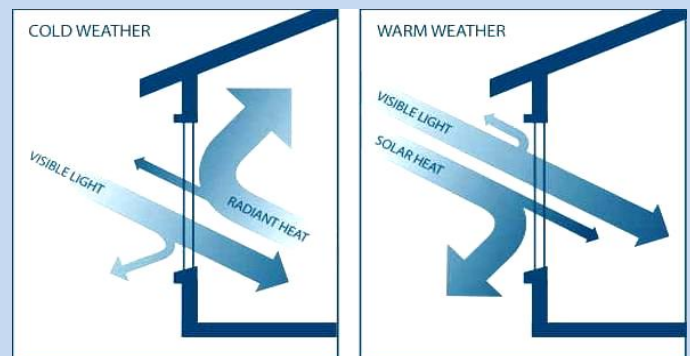
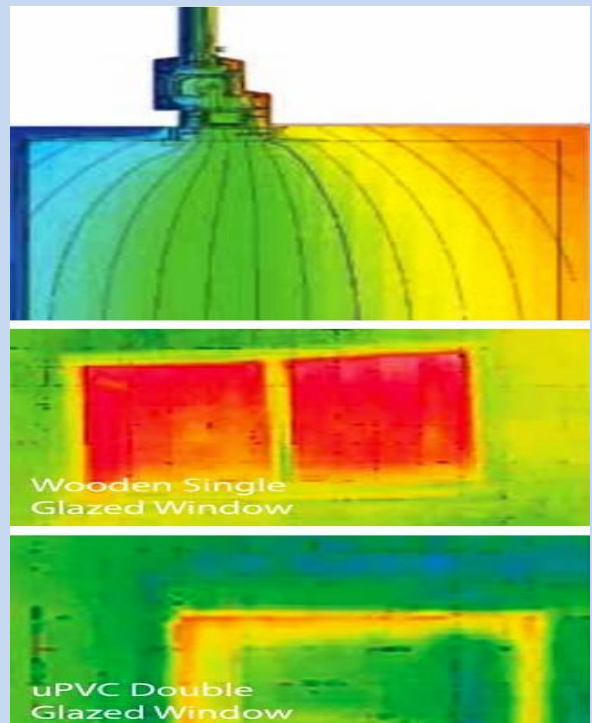


# BENEFITS OF UPVC WINDOWS AND DOORS



## THERMAL INSULATION (EFFICIENCY OF ENERGY STARTS HERE)

UPVC Double Glazing is the most Energy Efficient Window and Door option available, up to 40% of a buildings heat is transmitted through windows and doors, and with the looming energy crisis there's no better way to save on your electricity bill. These thermally insulated windows and doors are extremely efficient due to their non-conductive UPVC frame and sash, their Double Glazed Sealed Insulated Glass unit, and then finally sealed with a high quality gasket seal to ensure that each unit is air tight. This winning combination of thermal insulation factors makes these windows and doors the benchmark in home and office efficiency. No longer do you have to leave heating and cooling devices on all day, simply use the device to achieve your perfect thermal comfort levels and then switch them off allowing the windows and doors to lock in that temperature for a fraction of the expense.



*Lock the warmth inside in cold weather, and block the heat out in warm weather all without compromising on comfort or light levels..*



## SECURITY AND SAFETY (PEACE OF MIND)

UPVC Double Glazed windows and doors are the most safe and secure window and door option available. There are several elements that account for this intruder proofing:

- Each UPVC Frame and Sash contains galvanized steel reinforcements (shown in red).
- Each UPVC unit can have up to 8 plated or stainless steel locking points.
- Each UPVC unit is fitted with high quality plated or stainless steel hinges.
- Aside from the double layer of glass, units over a certain size are fitted with 6.4mm laminated safety glass for added safety and protection.
- UPVC is self extinguishing in the case of a fire.
- UPVC beading on the inside reduces risk of intruders.
- The added functionality of the Turn & Tilt opening function allows the window to be ajar for air flow, whilst being perfectly safe from intruders.

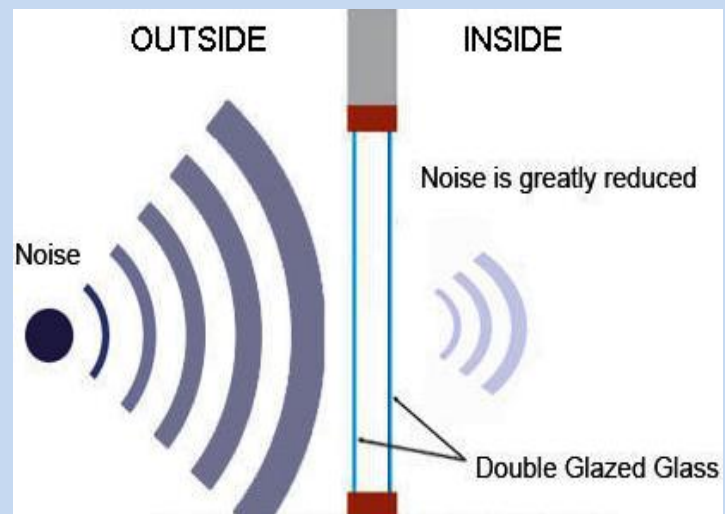




## SOUND INSULATION (SILENCE IS GOLDEN)

As previously mentioned, UPVC Double Glazed windows are perfectly insulated To ensure that little or no audible sound transmits through the window. This is achieved by the frequency dampening, non-conductive UPVC Frame and Sash, the double pane of glass sealed into the Glass Unit (SIG) with sound dampening butyl and polyurethane, then sealed. This frame is then placed and sealed using a high quality gasket seal which ensures the unit is air tight. These gaskets are the finishing touch on a truly high quality, functional and aesthetically pleasing product.

- Cut out all auxiliary sound
- No more annoying lawnmowers, noisy, traffic, barking dogs or rowdy neighbors
- Perfectly sealed for maximum quietness!
- Applications: Sound Studios, Barking Dogs, Highway Dwellings, Inner-city Dwellings, and Noisy Neighbors.







## **CLEANING AND CLEANLINESS**




























**(A SUPER SEAL MAKES FOR LIGHT WORK)**

UPVC Double Glazed windows and doors are extremely easy to keep clean, requiring little or no maintenance. Furthermore the high quality gasket seal also reduces the painful cleaning of dust and any other airborne dirt or pollutants.

- UPVC is extremely easy to clean and requires little or no maintenance.
- Simply wipe clean with a soft detergent and water.
- UPVC Double Glazed units are airtight and hence eliminate airflow, thus reducing the buildup of dust and dirt brought in by the wind, let alone smells and pollutants from outside.
- The UPVC Turn & Tilt opening function allows cleaners to wipe the outside of the windows from the inside thus making cleaning your windows exponentially easier.
- UPVC is UV stabilized with Titanium Oxide to ensure that the frames and sash's never discolour.



## COMPARISON BETWEEN UPVC, ALUMINIUM, AND WODDEN WINDOW OR DOORS

	UPVC WINDOWS	ALUMINIUM WINDOWS	WOODEN WINDOWS
<b>EXPANSION &amp; CONTRACTION OF WINDOW PROFILES CAN LEAD TO PRODUCT DEFORMATION</b>	 UPVC windows is manufactured from tropical formulation which makes it durable with minimal expansion and contraction	 Aluminium has very high thermal expansion coefficient as compared to UPVC, leading to product distortion if not manufactured and installed appropriately.	 Wood has inherent property to breathe / absorb moisture / expand & contract, eventually leading to distortion and gaps
<b>INSULATION FROM HEAT</b>	 UPVC windows provides superior insulation to your home from outside heat as UPVC is a poor conductor of heat	 Aluminium is a good conductor of heat and therefore cannot provide insulation from heat	 Wood is a poor conductor of heat, however improper sealing & bending can allow heat to pass
<b>LOW MAINTENANCE</b>	 UPVC windows and doors require no painting, only routine cleaning	 Aluminium windows and doors may require periodic maintenance over long periods of usage	 Wooden windows need regular painting and polishing
<b>LOW EMBEDDED ENERGY</b>	 UPVC Windows and doors are environment friendly and require very less energy to convert from raw material to finished good.	 Aluminium window and door frames use large amount of energy in conversion	 Wooden windows and doors use tropical hardwoods.
<b>TERMITE RESISTANCE</b>	 UPVC Windows and doors are not prone to termites	 Aluminium windows and doors do not attract termites	 Wooden windows and doors are prone to termites
<b>RESISTANCE TO CORROSION</b>	 UPVC Windows do not rust or corrode due to inherent material characteristics	 Aluminium windows are prone to corrosion	 Wooden windows do not rust / corrode
<b>FADE RESISTANT/UV RESISTANT</b>	 UPVC Windows and doors are made of special UV resistant blend and therefore do not fade even after prolonged exposure to sun	 Aluminium windows are typically powder coated or anodized. The powder coating, If not of high UV resistance, shall discolour quickly.	 Wooden windows and doors start fading very soon ; require constant repolishing/finishing
<b>FIRE</b>	 UPVC windows are Self Extinguishing and do not propagate fire	 Aluminium windows have very high melting temperature	 Wooden windows can catch fire easily
<b>FIRE ESCAPE</b>	 UPVC windows can allow easy escape in case of fire; due to its lower softening temperature glass can be pushed out of the frame easily	 Aluminium & glass both have high Melting Point and therefore does not assist in easy break away.	 Wood itself can catch fire very easily





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