



Company Profile

GLASS CONCEPT India Pvt. Ltd introduces "MOONSTONE uPVC " Doors and windows systems. We bring revolutionary concepts for Doors and Window and Internal Partitions in India with an exclusive range in Double/Triple Glazing. We give a whole new dimension for Architectural works with introducing this product which is a substitute of Wood, Alluminum and Steel and other Metals. We understand the specific requirements of our clients and offer customized solutions for their opening from measurement to installation. The Company has had extensive experience in the field of Architectural Building Industry with its sister concerns:

- M/s Alstone International : One of the Large Producers and renowned name in Alluminum Composite Panel (ACP) in India.
- M/s Aerostone Pvt. Ltd. : Manufacturers of False Sealing.
- M/s Alstone Silicone Pvt. Ltd.: India's first and only manufacturer of Silicone Sealants.



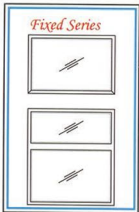


Material of uPVC

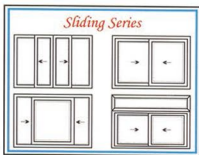
The uPVC (unplasticised poly vinyl chloride) profile used by MOONSTONE uPVC is made from special moulding material. The process of making the profiles start in the form of powder mixed and balanced homogeneously with all necessary additives for high impact UV to form a compound that meets all the required properties. The compound is then fed in molten form in to moulds designed accordingly to the different size and specification of profiles. Once their process is finished, then it will be cooled to form the final uPVC profiles to be used in the fabrication of the windows and doors.



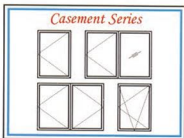
Fixed Series



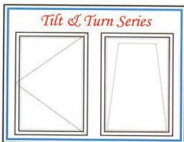
Sliding Series

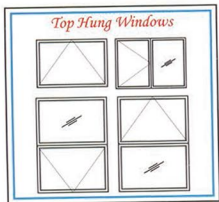


Casement Series



Tilt & Turn Series





Upvc Louver



Technical Specification

1. **Steel Reinforcement** : These hollow profiles are inserted with Galvanized steel reinforcement to give extra strength and durability to the windows.
2. **EPDM Gasket** : Special EPDM gaskets are being used to perfect sealing which allows the weather to stay outside.
3. **Heat Welded Joints** : Corners of windows are heat welded to ensure good quality of insulation.
4. **45 Degree Angle** : Section cut at 45 degree angle to bear the maximum load.
5. **Multipoint Locking System** : Multipoint locking system will help to make these windows more weather (i.e. Air, Water, Sound, Heat) proof.
6. **Option of single, Double & Triple Glazing** : We have option of putting glass unit of 5mm, 6mm & 24mm to 32mm.



The Benefits

Moonstone uPVC Windows and Doors are made from a special blend of uPVC and have many benefits over Aluminium, Steel and Wooden Windows and Doors.

Different shapes and designs that enhance the architectural finesse

MOONSTONE designs meet all the objective principles of the graphic design that make the architecture impeccable.

- Symmetry and Balance
- Unity and Emphasis of Lines
- Form and Area

Window bars can change the impression of a window.

The stylish and elegant window bars from MOONSTONE add to the overall attractiveness of the window. Rules for sectioning of the window area for a harmonic overall impression.

- For all windows and doors, choose a universal format of the bars.
- Panel format sectioning make windows seem higher and smaller and thereby lighter.
- Landscape format sectioning accenture the width of windows.

Optimal insulation for new and renovated buildings

Windows and doors play a vital role in heat insulation of the house. This helps in conserving energy. Aluminum and wooden windows with single glazing are poor insulators. One can save up to 50% of energy by replacing them with state-of-the art MOONSTONE windows.

uPVC windows, with high technological standards and inherent properties, offer superior insulation values. MOONSTONE uPVC profiles have multi chambers technology. MOONSTONE windows and doors keep air-conditional cool air inside during summers and trap the warm air in winters.

Noise stays outside

There are days when you want to spend some quality time at home or have an important meeting in office, but the noise from outside promises to ruin your

plans. In addition, it is a proven fact that too much noise is harmful to your health. Aluminum and wooden profiles often let you down by failing to keep the noise out. This is one area where uPVC offers a distinct advantage.

MOONSTONE windows made of uPVC profiles have innately good sound isolation properties. They are more effective against noise insulation due to the use of special glass.

Certainly Safe

We at MOONSTONE understand that safety is one of your foremost concerns. Your home is your own and should be safe. We understand your desire to protect your family and hence we place utmost emphasis on safety and security. Our windows have steel reinforcement in sash and frame that maintains high security standards.

Always in good shape

Windows have to withstand a lot of external as well as internal rigors. uPVC windows made of MOONSTONE profiles are build to stand the enormous exposure. The windows are durable, having a flush surface that is hygienic and easy to clean.

Proven Quality

In line with international standards, MOONSTONE profiles undergo a stern quality test. The profiles are subject to continuous internal and external controls. Only after undergoing this stringent quality measure do the profiles get a MOONSTONE seal. MOONSTONE profiles meet stringent quality standards on parameters like rain proof, wind resistance, corner weld strength and others.



Energy Efficient

In a contemporary air-conditioned building, windows with a low thermal conductive material can reduce the loss of energy. MOONSTONE Windows have been designed with multi-chambers which reduce the transfer of heat and can reduce the energy loss by over 30%, making it the best ENERGY SAVING WINDOW.

Fire Retardant

Fire tests have shown that MOONSTONE uPVC materials, being naturally flame retardant through their product life, will not cause, support or enhance the natural development of fire. Unlike timber windows, the uPVC sections do not support combustion and are in fact self extinguishing. Moreover, it has got an "A" class fire rating.

Impact Resistant

Due to their excellent material properties, MOONSTONE uPVC Windows & Doors are ideal for being installed in buildings close to the sea, where they are permanently exposed to strong winds, heavy rains and salty air. The profiles are uniquely designed & specially formulated to withstand high impacts. These can also be fitted in high rise buildings without any problem.

Economical

The prices of MOONSTONE products are very economical when compared to the other alternatives available in the market. Apart from this, they also have other advantages. uPVC Windows & Doors work out cheaper in the long run by saving almost 30-35% on electricity bills. Thus, making the window virtually free of cost.

Easy to Install

Practically, any automated or manual processing is possible. It is very quick and easy to fabricate & install.

Maintenance Free

Its closed, smooth surface makes it extremely easy to clean, using any gentle household detergent dissolved in water. This also means that the product is virtually dirt resistant because there are no pores which can be filled with dirt.

Corrosion Resistance

MOONSTONE Windows are free from the attack of acids, alkalis, waste gases and salts.

Long Life

Thanks to modern technology, MOONSTONE Windows & Doors practically last forever. For this reason, with no future maintenance costs, they are an excellent investment for your home.

Water Tight

MOONSTONE uPVC Windows & Doors are fabricated by using sophisticated automatic machines, ensuring no gaps. Further after the fabrication process, special materials are used during installation to prevent water passing from outside to the inside. This is very beneficial during the monsoon season.

Environment Friendly

The extrusive process of uPVC Window and Door profiles is relatively energy efficient, compared to other materials. Another benefit where uPVC has been specified as an alternative to wood is that it helps in curbing deforestation. Besides, they can be fully recycled and reused for the production of uPVC profiles.



