

The
uPVC
Specialist
Since
2011



PlastOne



UPVC & ALUMINIUM GLASS & METAL FABRICATION

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ABOUT US

TechnoWindows is one of the leading company in United Arab Emirates in the field of uPVC Windows, Doors & Shutters Systems. And we are collaborated with 'VEKA-AG -Germany' Now We Start Our New Factory in India, Kerala As 'TechnoWin' and collaborated with PLAST ONE uPVC Windows & Doors System Which is Part of 'NCL-VEKA'. We equipped our factory with the latest German Technology, Machines And Raw-materials. We rely on the best professionals with experience and competence. All our Crew members are properly trained and experienced with Latest Technologies and Techniques in uPVC Fabrication Industry. In India our Target is to provide high Quality uPVC Windows & Doors With attractive price and take initiation for a new trend in Windows and Doors Fabrication industry. Our factory is located in Kadoor-Mayyil Kannur District of Kerala State. We are equipped our factory to provide our service all over India and we build our network according to that and here we are trying to contribute the technological advancement in the construction industry..

THERE ARE MANY BENEFITS OF UPVC WINDOWS & DOORS, INCLUDING ENERGY EFFICIENCY, DURABILITY, & LOW MAINTENANCE

LOW MAINTENANCE

A simple wash with soapy water will keep uPVC frames looking new for decades. No need for sanding, repainting, or varnishing. If necessary, this tough material can be scrubbed to remove even the most stubborn of stains as uPVC windows and doors are hard to damage.

LONG LASTING

uPVC is naturally resistant to moisture, atmospheric pollutions, mould, and mildew. It does not rot, rust, blister, or flake, and is not affected by salt corrosion. This makes UPVC windows and doors a long lasting alternative to timber and aluminium frames.

DURABLE

uPVC frames never rot or corrode and are unaffected by salt corrosion, which makes them perfect for coastal dwellers. They are highly durable and are UV resistant, meaning that they won't fade in the unforgiving sunshine.

SOUNDPROOF

When used in conjunction with double glazed windows, uPVC can help to reduce noise by up to 40 decibels or almost 80%. This can lead to a more peaceful home environment.

SECURE

Up to 10 different locking points can be added to uPVC windows and doors. When used in conjunction with toughened safety/laminated glass, this would make it virtually impossible for intruders to gain entry.

INSULATING

uPVC is a natural insulator and has low conductivity of heat. uPVC windows and doors insulate your home by keeping air sealed tightly within the system. This leads to less reliance on air conditioning units and heaters to regulate the temperature within your home. uPVC windows and doors therefore conserve energy and save money in the long run

GOOD VENTILATION

uPVC windows and doors come in what is called a 'Tilt and Turn' configuration. This means that the windows and doors open in two directions, allowing for optimal draft-free ventilation. Windows can tilt inwards, allowing outside air to be channelled through the sides of the window with hot air escaping through the top. Windows can also turn fully open, which allows for easy cleaning from the inside of your home.

FLAME RETARDANT

uPVC windows and doors are inured against heavy weather conditions and can be customised to the maximum ratings of N5 C4 (non-cyclonic and cyclonic) wind resistance and Flame Zone BAL (Bushfire Attack Level) fire resistance.

ENVIRONMENTALLY FRIENDLY

uPVC is naturally resistant to moisture, atmospheric pollutions, mould, and mildew. It does not rot, rust, blister, or flake, and is not affected by salt corrosion. This makes uPVC windows and doors a long lasting alternative to timber and aluminium frames.

CUSTOM BUILT

All uPVC windows and doors from Winsulation are custom built to exact client specifications, which means that the windows fit perfectly into your home or building.



Strong & Secure



Wind Load



Sensitivity Green



Sound Insulation



UV Resistant



Weather Resistant



Energy Efficient

TYPE OF WINDOWS

TILT & TURN WINDOW SYSTEM

Tilt and turn windows are perfect for easy maintenance as the window can open inwards from the side hinges, allowing you to clean the outside from inside your home. This is particularly useful when windows are above ground floor as no leaning out or ladders are required. The wide opening also means the windows can be used as an emergency exit.

The window can be tilted inwards from the bottom hinges, giving you easy and child safe ventilation in your home. You can adjust the opening with a choice of four different ventilation positions, all of which are kept in place with a tilt restrictor, ensuring your home security is never compromised.

SLIDING WINDOW SYSTEM

This brings a new concept for your needs. With its perfect design and functioning in place, offers new options. It has a decorative appearance which is owed to soft lines and beads. Complementing symmetrical features. This type provides perfect insulation by the use of concealed wool pip fins, gaskets and adaptors. A selection of difference beads allows the application of double or single glazing units. By the used of this system, practical and economical detail solution are possible..



HOT OR COLD... WE'RE COOL

uPVC windows save on energy costs, lowering the amount spent on heating or cooling your home. uPVC windows, fitted with either single or double glazing, keep your home comfortable all year round. Should you still wish to use an air conditioner or heater during extreme weather conditions, your energy expenses will be less, as temperature transfer through uPVC windows and doors is limited.

CASEMENT WINDOW (OPEN OUT)

For those seeking for superior quality, aesthetical appearance but cheaper alternatives, this type is the perfect solution. An internally beaded outward opening casement window with an aesthetically enhanced design which incorporates the latest in PVC-U technology.



Tilt Inside Windows For Toilet



TILT AND SLIDE SYSTEM

A system which has specially been designed to gain a new appearance to construction by enriching living places. Excellent design coupled with functionality in areas of usage brings about new choice. It can tilt inwards and conventionally slide open, making it an outstanding for builders.



TECHINICAL SPECIFICATION

The following are the things required to fabricate a UPVC Door & Window.

PROFILE

The profiles are hollow, multi-chambered and steel reinforced

CONSTRUCTION

The window unit is designed with all corners, transom/mullion joints metered+ and fusion welded. The entire window is steel reinforced, which further increases the structural integrity of the frame. The window unit is designed such that water drainage does not pass through the reinforcement chamber. The product is free from all sharp edges and blurs.



Double glazed insulation

Weatherproof & age-resistant glass sealing

Easy-to-clean frame surface

Attractive & elegant frame with clean lines & appearance

Internal Beading for high security & Easy Glazing

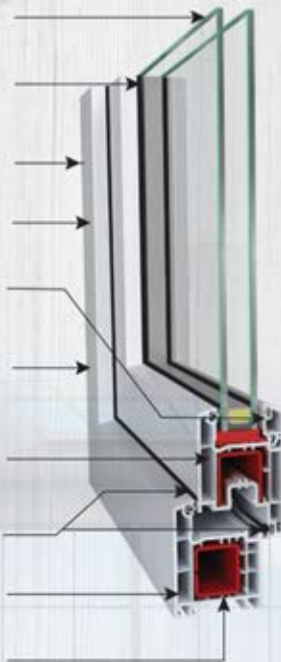
No paint coats, thanks to the high grade weatherproof Material

Energy-saving & noise-insulating multi-chamber frames

Weather-tight double sealing system

Optimum stability through pick-sided profiles & stays

Large Metal Reinforcements in Accordance with structural Requirments



HARDWARE & FITTINGS

All hardware including its fixings is of materials resistant to or protected against atmospheric corrosion. Where hardware is fixed through the reinforcement, all screws penetrate the reinforcement by at least 2 mm. The windows incorporate a large variety of security devices such as multi-point locking including espagnolettes with mushroom headed catch. Handles and locks are designed so that they cannot be released from the outside by any mechanism

INSTALLATION

The Window Systems can be fixed directly to the brick-work or surrounding structure using proprietary fixings and silicon sealant. Alternatively, a variable fixing plug fixed to the outside of the frame can be simply fixed to the structure, no matter what the cavity width, no timber or other sub frames are necessary.

GLAZING

The Window System can be internally or externally glazed with single glazing 6mm and double-glazing up to 24mm.

WATER DRAINAGE

Water drainage is made in the profile to ensure that if any water comes due to an open window then it is immediately drained out

We are Associated With

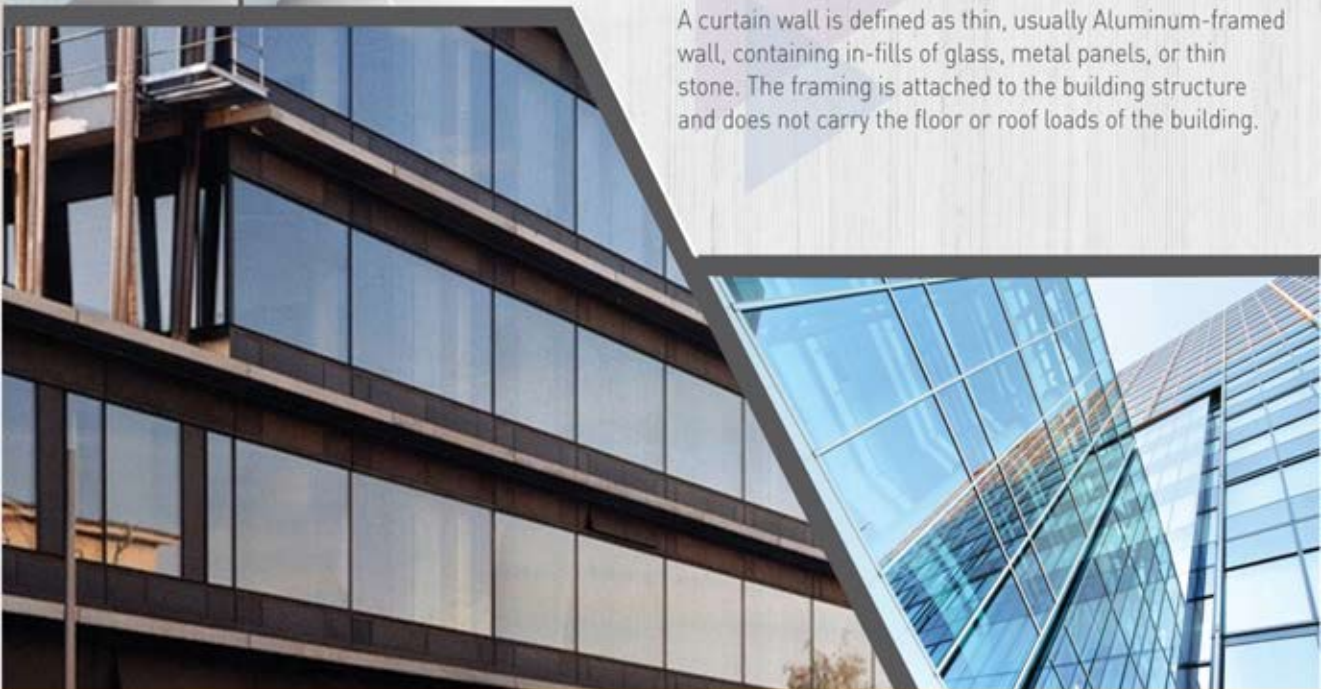




ALUMINIUM CURTAINWALL



A curtain wall is defined as thin, usually Aluminum-framed wall, containing in-fills of glass, metal panels, or thin stone. The framing is attached to the building structure and does not carry the floor or roof loads of the building.







We also deal with
**ALUMINUM
WINDOW & DOORS**
**ALUMINUM
KITCHEN CABINETS**
MODULAR KITCHEN
FRP DOORS



TECHNOWIN uPVC WINDOWS & DOORS

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