



ABOUT US

Venus Glass was established in 2004 as an Iranian glass processing company. It's main activity is manufacturing the most developed architectural and automotive glasses.

The plant is located in Shamsabad Industrial Zone, 35 km from the capital, Tehran. The factory's production halls exceed 30,000 sqm.

Bringing state-of-the-art technology together with the know-how of highly skilled engineering and manufacturing team has made Venus Glass one of the most prevalent architectural and automotive glass manufacturers in Iran and in the Middle East.

This company is the Iranian pioneer in producing high performance, anti-seismic, bullet proof and burglary resistance glasses as well as a variety of decorative and specialty glass products.



TECHNOLOGY

We take advantage of some of the most advanced glass fabrication technologies in the world:

- Two State-of-the-art convection tempering furnace from TamGlass, Finland. We can Fully Temper and Heat Strengthen High Performance, Low-E and other categories of coated glass. Maximum glass size for our tempering process is 2800mm x 6000 mm.
- Fully automated CNC cutting machine from Lisec, Austria. Our cutting machine can perform edge deletion from all sorts of coated glass.
- Semi-automated double glazing line from Lisec, Austria, with the capability of producing both Polysulphide and Silicone insulated glass.
- Fully automated flat laminating line from Bystronic-Armatec, Switzerland. Maximum glass size for our laminating process is 2400mm x 4500 mm.
- Complete range of grinding, drilling and milling machinery including single and double edge grinding and polishing machines and CNC drilling and milling machinery.
- Automated silk-screen printing line from AG Engineering, Italy.
- Roller-coater printing machine from Cefla, Italy.
- Digitizing equipment for the production of shaped single layer and IG units.



Given the variety of building designs and climatic conditions and the different levels of exposure to solar radiation during the year, the choice of glass must be able to protect the inside of the building to ensure maximum comfort, minimize energy consumption, guarantee safety and, not least, provide the optical and aesthetic qualities that satisfy the designer.

A total solution is proposed by Venus Glass, named V-Cool, which can be used as a positive contributor to low-energy performance, whilst creating interiors that are comfortable by controlling direct radiation, glare, internal temperature and light levels and facades which connect the occupant with the outside world. V-Cool is an advanced product of Venus Glass Company which enables buildings to be both energy efficient and attractive, as well as saving capital and running costs.



V-Guard

With the rising of more and more violent home invasions, over 70% burglaries involve forced entry through a glass window or door which is commonly the weakest point in a house. Although the alarm system may scare the invadors, it actually can not stop them from entering your home.

No more unsightly burglar bars or hurricane shutters once installing V-Guard. In addition to forced entry protection, V-Guard can hold the broken shards and flying debris together with the approaching of the storms, hurricanes or earthquakes, thus reducing the risk of injuries to your family. Besides, It also can dramatically reduce outdoor noise, block most solar heat transmitting and filter out 99% UV light to maintain a comfortable indoor environment and prevent furnishings fading.



At first glance, V-Guard⁺ looks identical to an ordinary pane of glass, but that's where the similarities end. An ordinary piece of glass shatters when struck by a single bullet. V-Guard⁺ is designed to withstand one or several rounds of bullets depending on the thickness of the glass and the weapon being fired at it.

V-Art

Venus Glass Decorative Glasses, V-Art brand, enable you to add style and elegance to your home. V-Art consists of a range of options you need to bring windows and doors to life.

Painted Glass

Venus Painted Glass is a stylish range of colour backed decorative non-toughened glass, created especially for indoor use. The glass has a sleek, modern lustre thanks to a high quality coating on the back. The result is a highly durable, multi-purpose product with limitless design opportunities.

Venus Painted Glass can be used in a wide variety of domestic, commercial and architectural applications - almost anywhere a contemporary and practical solution is required to enhance an interior space.



Silk Screen Printed Glass

Venus silk Screen Printed glass combines aesthetic and functional requirements for use in partitions, roof glazing and external walls. It can provide dramatic decorative effects or simpler designs for privacy or solar control. Our range of silk screen printed glass is very versatile; it allows freedom in design and can be customised to fulfil many requirements. Silk screen can be applied to a wide range of processed, coloured or coated glasses.

Photo Laminated

It turns a photograph into a genuine eye-catcher and brings new, creative impetus to interior design. As a unique medium for image display, both in the private and the commercial sectors, as wall cladding or partition wall this decorating glass can be used - thanks to its brilliant surface guarantees image reproduction that is sharp in every detail, bright and brilliant.





A range of options for use with curtain wall applications that allow the entire building exterior to be fully glazed by covering construction elements in nonvision areas such as the edges of floor slabs.

Sandblast

An exciting range of stunning, high-end decorative etched glass design offering excellent light transmission in combination with various level of privacy.

Colored Laminated

This is a colored laminated glass, comprising at least two sheets of glass bonded together with a colored Polyvinyl Butyral (PVB) interlayer. Various transparent or translucent shades can be created by combining different colored interlayers.

As for any PVB laminated glass, this glass filters UV radiation and improves the solar control performance of double-glazed units.

Georgian

Elegant shapes, striking colors, subtle effects Venus Glass Georgian glass range has everything you need to bring windows to life. We offer an extensive range of exclusive Georgian designs, both modern and traditional. The various patterns add a degree of style and class to complement their surroundings. Whilst these designs provide an attractive addition to your home, the strength and security qualities of the glass remain unchanged.



Mellat Bank – Central Office

V-Smart

Venus Glass, V-Smart brand, includes a range of high-quality and cutting-edge solutions that adds the creative possibilities of electronic solutions to the traditional and known benefits of glass.

Privacy Glass

Privacy Glass can be changed from clear to an opaque milky-white color that you can't see through. And just as easily, it can turn back into a transparent vision glass. Privacy Glass can be supplied with a remote control.

LED Glass

LEDs laminated inside glass. No limits on the pattern of LEDs or the shape of the glass!





V-Systems comprises of several systems of glass-based architectural solutions, mainly on Glass Balustrades, Shop-Front Glazing and Office partitioning. Moreover, due to the nature of the products, a service department is established to fulfill the installation and commissioning required for these range of products.

Eyvan-e-Shams

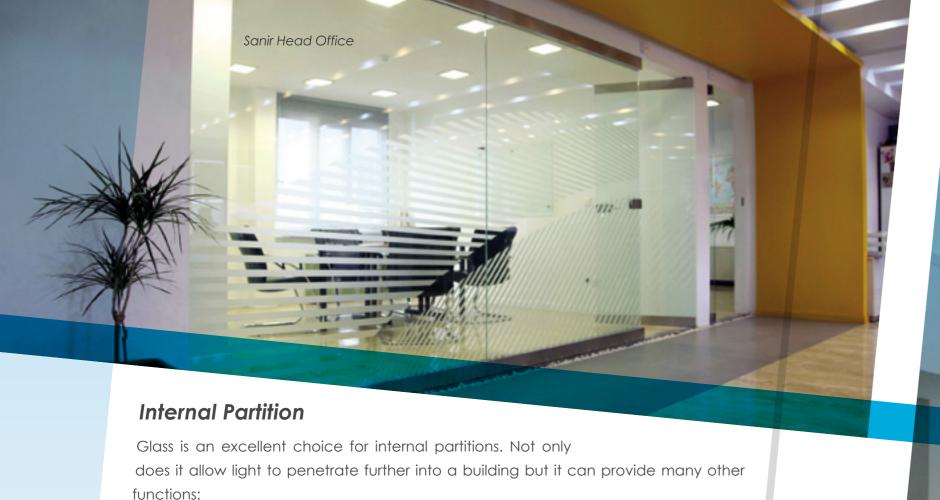
Balustrades

Glass barriers are used in buildings for a number of purposes and allow the maximum flow of light and view both inside and outside the structure. The three main areas that glass balustrade is used are:

- In external windows to prevent people falling out of a building
- On balconies and terraces either inside or out
- Around stairs and lifts

Glass Doors

The entrance to a building is an opportunity to make a statement about the building. With glass the entrance can be open and inviting but at the same time glass can be used to control access, provide impact resistance including security, and be an element in the energy strategy of the building.



- Acoustic attenuation reduce noise levels between areas
- Impact resistance provide a screen for security or prevent falling from one level to another, create glass corridors
- Privacy using texture glass or tinted laminated interlayers
- Decoration create attractive interior, give the possibility to add logos or direction designs

Shop front glazing

Retail stores designers have become more and more interested in wider and higher shop fronts with minimum obscuration. This has led to a challenge for us in V-Systems, to provide the aesthetically approved solutions for glass application in this area of application.

Safety and function are always a serious concern with these large-pane applications, as the mechanical loads and safety aspects are quite different than in façade or office partitioning, mainly due to intimacy with crowds of people in shopping malls or streets.

Glass Canopy

A glass canopy provides an attractive and practical feature to a building. Usually placed outside entrance doors a canopy protects people entering the building, keeps the weather away from the doors and allows natural light through to the entrance area.



