



**Sales Engineering Office:**  
9<sup>th</sup> Floor, Artemis Tower, 4<sup>th</sup> Narenjestan St., Pasdaran Ave., Tehran 1957917498, Iran  
Tel: (+98 21) 72486 Fax: (+98 21) 2625 3605

**Factory:**  
Negarestan Blvd., Shams Abad Industrial Zone, Tehran-Qom Highway, Tehran 1834137183, Iran  
Tel: (+98 21) 56 23 32 00 - 7 Fax: (+98 21) 56 23 31 50

[sales@venusglass.net](mailto:sales@venusglass.net)  
[www.venusglass.net](http://www.venusglass.net)



## General Catalogue

**Venus Glass**



Glass with its many different shapes and colors is a dominant building material in modern architecture. Glass protects us, gives us light, brightness and beauty. It creates visual accent and offers multiple technical features.

Here in Venus Glass, we have dedicated ourselves to produce and present creativity in glass in accordance with our customer's needs.

Venus Glass is the leading player in the Iranian market for the production of High Performance insulating glass units and various types of bullet proof, anti-seismic, decorative and sound control safety glass.

As the most advanced and the biggest producer of architectural glass in Iran, we would like to familiarize you with our products in brief:

**V-Cool**

**V-Guard**

**V-Guard<sup>+</sup>**

**V-Art**

**V-Smart**

**V-Fire**

**V-Systems**



Chosen as promier manufacturing company by Ministry of Industry, Mine and Trade of Iran (Year: 2017)

## 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 glass. The plant is located in Shamsabad Industrial Zone, 35km 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 glass 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 Liseec, Austria. Our cutting machine can perform edge deletion from all sorts of coated glass.
- Semi-automated double glazing line from Liseec, 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.
- Digital Glass Printing Machine by TECGLASS from Spain
- Automated silk-screen printing line from AG Engineering, Italy.

## V-Cool

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 protect the interior to ensure maximum comfort, minimize energy consumption, guarantee safety and provide the aesthetic qualities that satisfy the designer.

A total solution is proposed by Venus Glass under the product family name of V-Cool. V-Cool glass can be used as a positive contributor to low-energy consumption, occupants' comfort and the beauty of the building. Using a wide range of high performance glass with selective optical and energy properties, the architects and developers can find products that best fit the climatic and aesthetic requirements of their projects.



Mellat Gallery & Cineplex

### Green Building with V-Cool

- Improves the energy-efficiency
- Saves you money on your energy bills
- Absorbs sunlight's harmful ultra-violet radiation
- Saves fabrics, carpets and furniture from gradual paling
- Decreases U-Value and solar factor
- Ability to perform all kinds of glass processing
- Can be used for all weather type
- Maximum visible light
- Upgrade safety of glass
- Provides you with quality and reassurance you would expect from a leading brand

## V-Guard

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 detect the burglars it actually cannot stop them from entering the building. V-Guard glass products are excellent alternative to unsightly burglar bars to protect buildings from forced entry. In addition to increasing occupant safety, V-Guard products dramatically reduce outdoor noise, filter out 99% of UV radiation from the sun and highly improves safety level of the glass against earthquake, explosions and hurricanes.

## V-Guard<sup>+</sup>

At first glance, V-Guard<sup>+</sup> 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<sup>+</sup> is designed to withstand one or several rounds of bullets depending on the thickness of the glass and the weapon.



Quality certificate for V-Guard<sup>+</sup> from Germany

Milad Tower





Mofid Brocker

## V-Art

Venus glass decorative glass, the V-Art brand, with the wide range of options they come in, enable you to add style and elegance to your home

### Digital Ceramic Print

Benefiting from cutting edge technical and artistic support from world renowned suppliers, Venus Glass is the market leader in Iran for providing glass with the highly durable digital ceramic print. The digital nature of the print means that there is no end in the possibilities of the form and color applied to the glass. The ceramic nature of the inks translates into lifelong durability of the print with excellent resistance against chemical and mechanical forces. The digital print technology expands the range of possibilities beyond the normal color range and brings effects like acid-etched, anti-slippery, and luxurious precious metal effects to the color palette.

### Full Color Painted Glass

Venus painted glass, a range of stylish color backed decorative non-toughened and toughened glass, are especially created for indoor use. This type of glass has a sleek, modern luster that is realized 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 uses – almost anywhere a contemporary and practical solution is required to enhance an interior space.

### Silk Screen Printed Glass

Venus Skill 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 customized to fulfil many requirements. Silk screen can be applied to a wide range of processed, colored or coated glasses.

### Photo Laminated

This technology turns a photograph into a genuine eye-catcher and brings new, creative impetus to interior design. Both in the private and the commercial sectors, this decorating glass can play a role as a unique medium for image display as wall cladding or partition wall.

### Spandrel

This technology offers a range of options for use with curtain wall applications, which allow the entire building exterior to be fully glazed by covering construction elements in non-vision areas such as the edges of floor slabs.



### **Sandblast**

High-end decorative etched glass design offers an exciting range of options for excellent light transmission while providing various levels of privacy.

### **Colored Laminated**

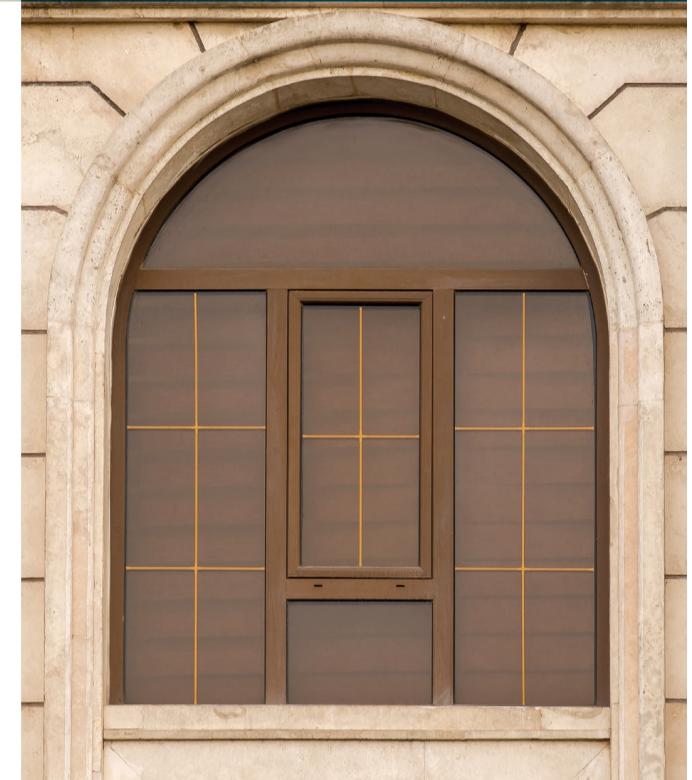
This technique comprises sheets of glass together by a colored Polyvinyl Butyral (PVB) interlayer. By combining different colored interlayers, various transparent or translucent shades can be created for any PVB laminated glass. This glass filters UV radiation and improves the solar control performance of double-glazed units.

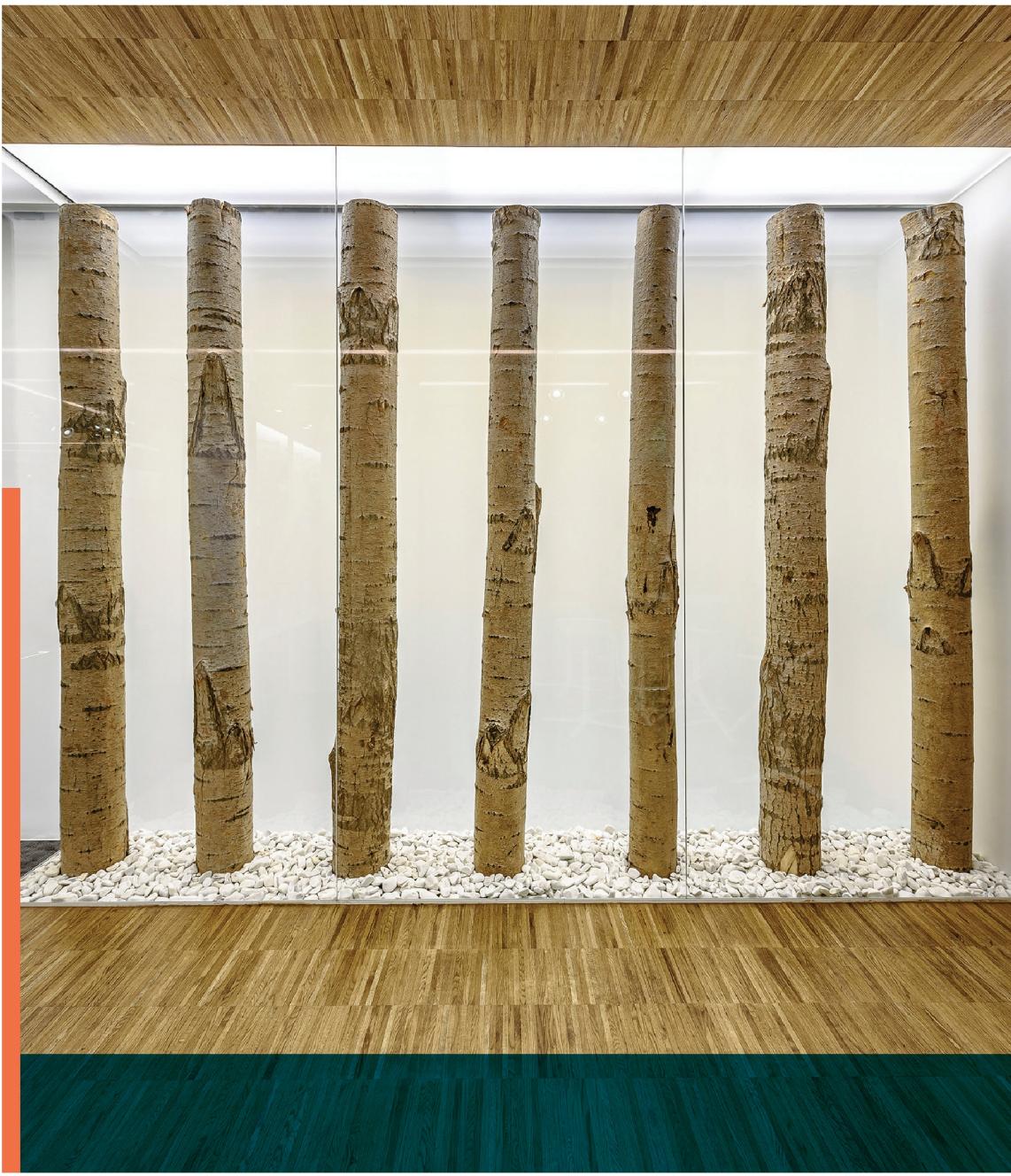


Iran Zamin Bank

### **Georgian Bars**

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





Venus Glass Sales Office

## V-Smart Privacy Glass

The V-Smart employs a range of high-quality and cutting-edge innovations that make the creative addition of electronic features to the traditional benefits of glass possible.

With a click of a button on a remote control, V-Smart Privacy Glass can be changed from clear to an opaque milky-white non-see-through color, or reversed back to its transparent form.



## V-Systems

V-Systems is several systems of glass- based architectural solutions: 1- Glass Balustrades, 2- Shop-Front Glazing and 3- Office partitioning. Due to the nature of the products, a separate engineering department is established to complete the technicalities of design and installation based on costumers' needs.

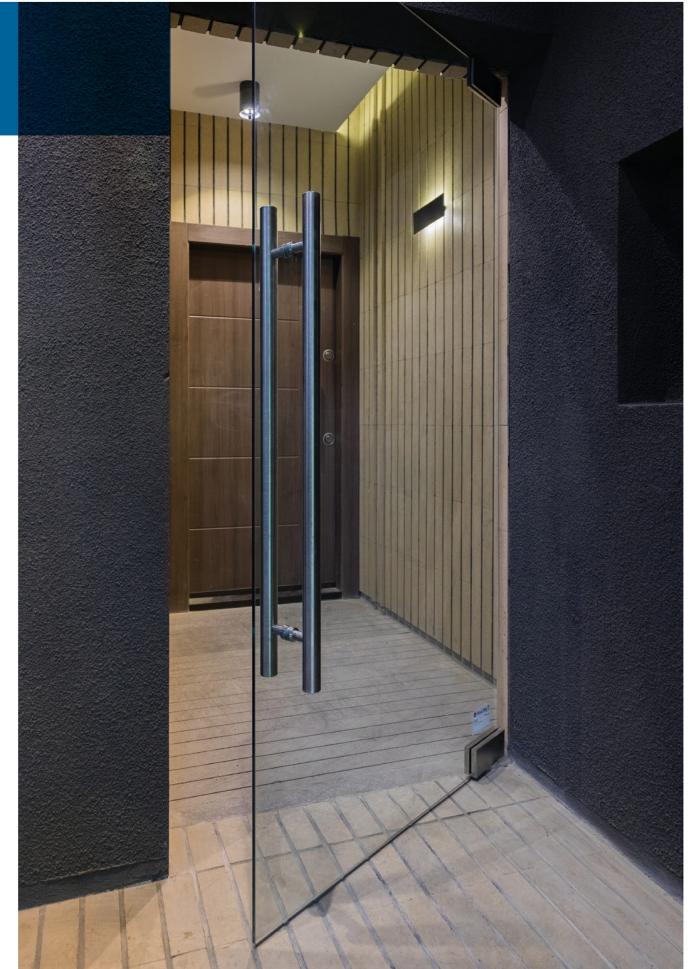
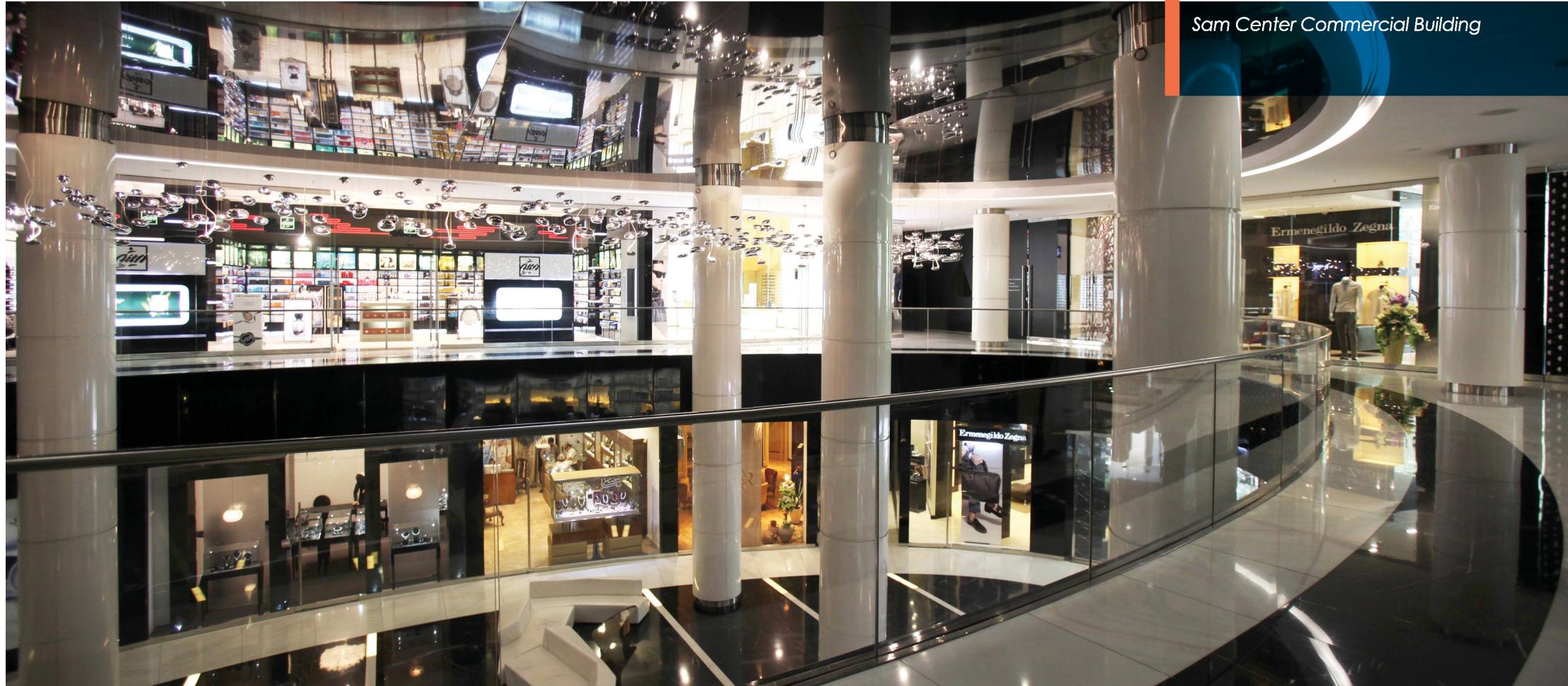
### Balustrades

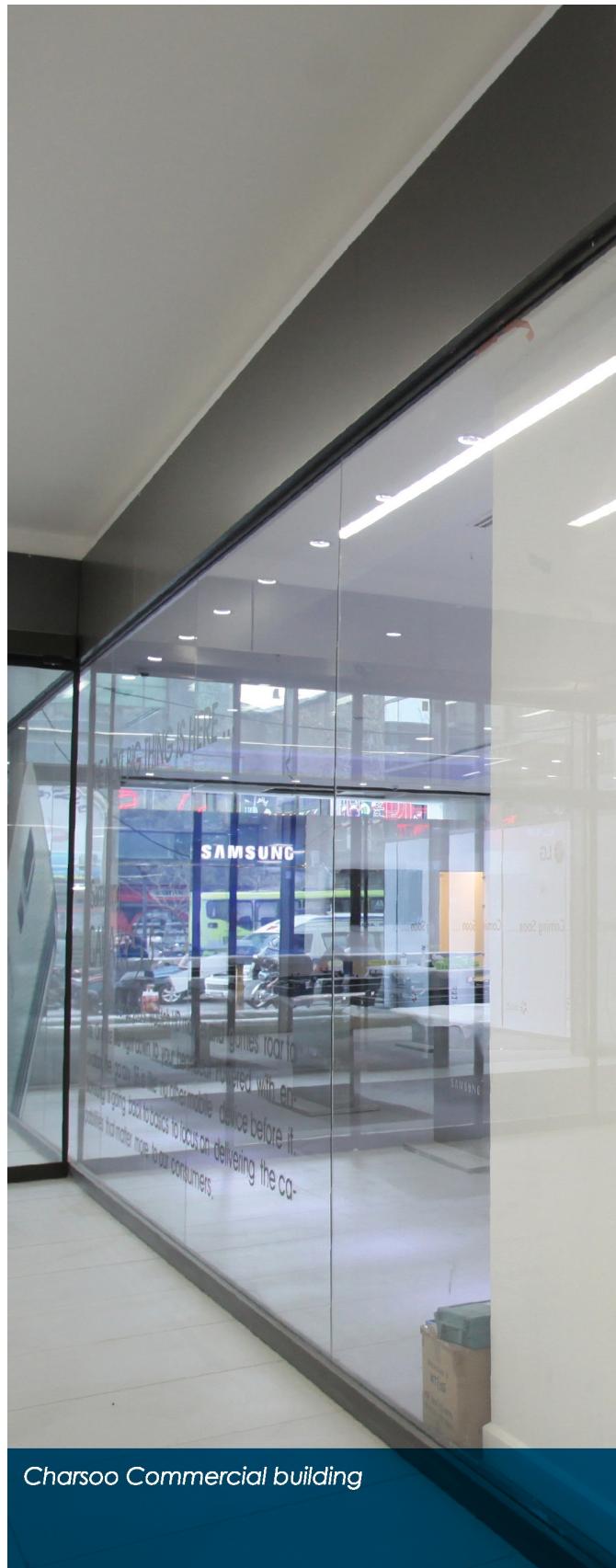
Parallel to the rising demand for maximum flow of light, clarity and view inside and outside of structures, the popularity of glass barriers increases. Glass Balustrades respond to this need in three major ways:

- External windows: to prevent people falling out of a building
- On Balustrades and terraces (both inside and outside)
- Around stairs and lifts

### Glass Doors

The entrance to a building is a statement about the building. While it is evident that glass entrances are open and inviting, they serve to many other important needs: they can control access, provide impact resistance, increase security, and be a performant element in the energy strategy of the building.





Charsoo Commercial building

### Shop front glazing

Retail stores designers have become more and more interested in wider and higher front windows with minimum obscuration. Safety and function are always a serious concerns with these large-pane applications, as the mechanical loads and safely aspects are significantly different from that of a facade or office partitioning, especially considering the proximity to the crowds of people in shopping malls or on streets.

Our V-Systems has taken up this challenge to provide safe and aesthetically approved solutions for glass usage in such area of application.

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



Modern Elahieh Commercial Building

### Internal Partition

Glass allows excellent internal partitions since it reduces visual barriers and allows light to penetrate further into a building. In such capacity glass performs other functions:

- Acoustic attenuation as it reduces the noise levels between areas
- Privacy; by using texture glass or tinted laminated interlayers
- Decoration- to create attractive interior, including the addition of logos or direction designs