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Address	<b>Ghazvin Glass Co.</b> Qazvin Glass Co. Km 25 road Takestan in Abhar, opposite village Farsjyn Ghazvin POB 34815-1174
Country	Iran, Islamic Republic

## PRODUCTS OR MACHINERY

Due to its engraved patterns and the uneven surface of one or both sides, patterned glass disperses any passing light beams to prevent a clear view of the objects behind it. In order to produce this type of glass, the molten glass ribbon is compressed between two rollers, the lower of which is usually patterned on the surface.

Patterned glass can be used for decorative purposes and also for partitions, greenhouse construction and interior/exterior design.

Ghazvin Glass Company currently produces patterned glass in various colours (blue, green, amber, bronze and clear glass) with a range of patterns (frosted, karatachi, cross reed, flora, withy, etc.) and a 4-10 mm thickness range up to 1600 mm in width. The outstanding quality of GGC Patterned Glass has made it one of the most popular brands for this particular product in the region with high demand in the local market and also supply to many neighbouring and Middle Eastern countries.

### 1. Sheet Glass Products :

Sheet Glass is a type of glass which is manufactured by first vertically drawing a ribbon of Molten Glass and then directing the Ribbon to the horizontal direction by the help of a roller, located above the Molten Glass level called bending roller, in a single process called "Colburn Process" the ribbon then Gradually cools down in an annealing Lehr , and then automatically cut into desired sizes .

Features :

- 1- Surface lustre ( good quality surface)
- 2- Good visibility

Application :

- 1- External use in windows and doors
- 2- Interior glass partitions
- 3- Furniture and table-tops

Available colors:

Clear Glass

Bronze

Grey

Copper

Green

Thicknesses available : 3 To 10 mm

### 2. Figured Glass Products :

Figured glass is a translucent patterned glass which allows transmission of day light , while obscuring visibility of object . It is manufactured by "Roll-Out Process" where a roller imprints the pattern on to the glass Surface .

Features:

- 1- Decoration :

Its wide range of patterns make it highly suitable for decorative applications .A variety of colors and patterns are available

- 2- Translucency:

Its surface pattern allows diffused daylight transmission but prevents visibility of activity , thus ensuring privacy .

Available colors:

Clear

Green

Blue

Amber

Bronze

Grey

Thicknesses available : 4 To 10 mm.

Above colors are available in nine different patterns

GGC Insulating Glass Production Line uses fully automatic machinery to produce double glazed or triple glazed insulating glass within a size range of min 250×300 mm to max 2000×2500 mm in compliance with European standards.

GGC Toughened Glass Production Line was established in 1999 with the newest European technology of the time. In this production line, 4-9 mm glass sheets in a size range of Min 250×200 mm to Max 4,800×2,400 mm could be toughened.

GGC Laminated Glass Production Line is capable of producing multi-layered laminated glass sheets as large as max 3210×2250 mm bonding together at least two 3mm glass sheets up to a maximum total thickness of 50 mm. For instance, a sheet of 50 mm bullet resistant glass is made by bonding 5 sheets of 10 mm glass.

Nowadays, most double glazed and triple glazed glass panels are manufactured with a combination of flat glass, toughened glass, laminated glass and low-e glass sheets. Insulating glass helps us to save energy and gives us a more secure and safe indoor environment.

**3. Double Glazing Units (Using European Technology):**

Minimum spacing : 12 mm

Maximum spacing : 52 mm

Minimum glass size : 180 X 350 mm

Maximum glass size : 2000 X 2500 mm

**4. Tempered glass (TAMGLASS HTF Technology) :**

Minimum glass thickness : 4 mm

Maximum glass thickness : 19 mm

**5. Laminated architectural glass (TAMGLASS Technology):**

Minimum glass size : 400 X 500 mm

Maximum glass size : 2500 X 4000 mm

Maximum thickness : 60 mm

**Company Profile of Ghazvin Glass Co.**

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