

www.rioglassindia.com



CREATING
IDENTITIES

CORPORATE SNAPSHOT

After 18 years of experience in the glass trading and various glass art processing we are confident about our work & expertise and initiated a new venture namely RIO GLASS PVT. LTD. We have a state-of-the-art manufacturing facility featuring a Toughened Glass, Heat Strengthened Glass, Insulated Glass Unit, Other Customized Solutions with additional automation, an in-house testing lab. spread over 6000 square meters of area near Bamanbore GIDC. Our plant is mainly divided into 2 divisions pre-processing which executes cutting, grinding and fabrication and the other is processing which executes Tempering, Insulating and Laminating processes on the output of pre-process division and yields the final product.

We have been able to scale new heights owing to our unswerving determination and commitment towards delivering the best to our clients. Further, In depth industry experience of our diligent team helped us in reaching this top-notch position and has made us a prominent glass manufacturer & supplier in Gujarat.

We will involve our customers, suppliers and employees in the process of quality management. We will comply with all statutory, safety and environmental regulations to ensure the safety of both our employees and to discharge our responsibility to society.



Nowadays the diverse range of glass types, functions and performance allow architects the freedom to be creative and original with glass design.



CORE VALUES

Of course, QUALITY is still at the heart of Rio Glass Pvt. Ltd's mission. While many of our competitors take shortcuts to reduce costs and improve their profit margins, Products from the "RIO" are engineered to perform better than is required by the standards. As evidence of this commitment to worker safety, we also partners with several third-party testing laboratories who independently certify that our products meet the appropriate standards.

WHY TO CHOOSE RIO!

High quality products, Fairly accurate pricing, Continuous Research & Development, Team skills enhancement / Training and desire to standout will creates win-win situation and it's the reason for trust on each and every product manufactured from our company.

PRODUCT PORTFOLIO

Heat Strengthened Glass

When an annealed is heated up to a temperature range of 600 to 650, for a specified time & then sudden air-cooled, gives strength to the glass. The most important factor of heat-strengthened glass is that it has very less wave distortion as compared to fully toughened glass. The glass breaks into little bigger pieces and moves towards edges. It is approximately 2-3 time stronger than annealed glass. The chances of breakage are very little during transportation & handling. The probability towards Nickel Sulphite (NiS) inclusion, spontaneous breakage becomes practically non-existent.

Insulated Glass Unit

Insulated glass unit (also known as Double Glazed Unit) is describe as two or more lightes of glass spaced apart and hermetically sealed to from a double/triple glazed unit with an air space between each lite. The most important function of IGU is to improve the thermal performance (reduce the U-value) of glass when used in architecture application.

Robust insulated Glass guarantees a high quality and excellent precision insulated glass, using high performance dual seal insulated glass material to ensure conformance to global standard. The air space between the lites is filled with air or insert gas like argon which provides better insulating performance. Typically the aluminum spacer is filled with desiccant to prevent condensation and improve insulating performance. Robust insulated glass reduce noise pollution as compared to single glazed unit.

Toughened Glass

Toughened glass is made from normal glass via a thermal tempering process in which the glass is subjected to heat till its softening point and then rapidly cooled. This gives the glass its strength and safety characteristics from the compressive and tensile stress build up inside the glass due to snap cooling. When an impact takes place, the missile has penetrate the compressive layer of the glass to break. Toughened glass when breaks disintegrates into small pieces which greatly reduces the chances of injuries and if there are any then they are superficial in nature.

Laminated Glass

Laminated glass is manufactured by permanently bonding two or more lites of glass with layer of poly vinylbutryl (PVB) interlayer, under heat and pressure to create a single construction. The interlayer keeps the layers of glass bonded even when broken.

Robust Laminated Glass is useful in a variety of innovative applications and can provide benefits such as impact resistance against low and high energy airborne objects and projectiles physical barrier properties for security application, blast resistance, acoustical dampening and other architectural capabilities.

Other Customized Solutions

Our other glass solutions includes a variety of products like designer glasses, acid work glass, frosted glass and much more based on your project requirements.

MANUFACTURING CAPABILITIES



We recently constructed a state-of-the-art manufacturing facility featuring a toughened glass, heat strengthened glass, insulated glass unit, Other customized solutions with additional automation, an in-house testing lab. This new plant, located near Bamanbore GIDC, Rajkot (INDIA) with more than 30,000 sq. feet of constructed area includes 10,000 sq. feet of raw material storage and 20,000 sq. feet of manufacturing area.

WORLDCLASS PRODUCTION LINE

- 🔵 CUTTING LINE
- 🔵 AUTO DRILLING MACHINE
- 🔵 TEMPERING FURNACE
- 🔵 TRIPLE CROSS WET BELT MACHINE
- 🔵 GLASS EDGE GRINDING MACHINE
- 🔵 GLASS WASHING MACHINE

AREAS OF APPLICATION



+ Architectural Glass



+ Shower Cubic



+ Interior Glass Partitions



+ Doors & Windows



+ Stair & Escalator Side Panels



+ Reflective Exterior Glass



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