


# Advanced glass is taking over the market







Advanced glass is used for a wide range of applications in different industries such as electronic displays, optical fiber, aerospace, and high-performance composites, thick-film packaging, and more. In the past few years, it has become an essential part of an aesthetic lifestyle. From trends in construction to interior decors, advanced glass is used broadly. Over traditional glass, specialty glass is made of different compositions. However, performance-wise it offers more durable and reliable properties.

## HIGH DEMAND

The usage of advanced glass is increasing greatly. From the development of large building structures to utilizing it for partitions, advanced glass is becoming highly demanded. The trend of using advanced glass is rising to a further level. The market is therefore estimated to elevate further more in the future. According to a report published by Allied Market Research (<https://www.alliedmarketresearch.com/advanced-glass-market>), the global advanced glass market will reach USD 103.8 billion by 2027.

## TOUGHENED GLASS FOR DOORS AND FURNITURE

Toughened glass, which offers the advantage of break resistance, also offers a premium look for doors. Glass aesthetically increases the value of the furniture and shelves section for household as well as office spaces.

The cooling process in toughened glass allows for less responding stresses, which makes it exclusive and high-value. Moreover, this glass does not shatter into small fragments when broken, it rather forms shards, thereby minimizing the risk of injury.

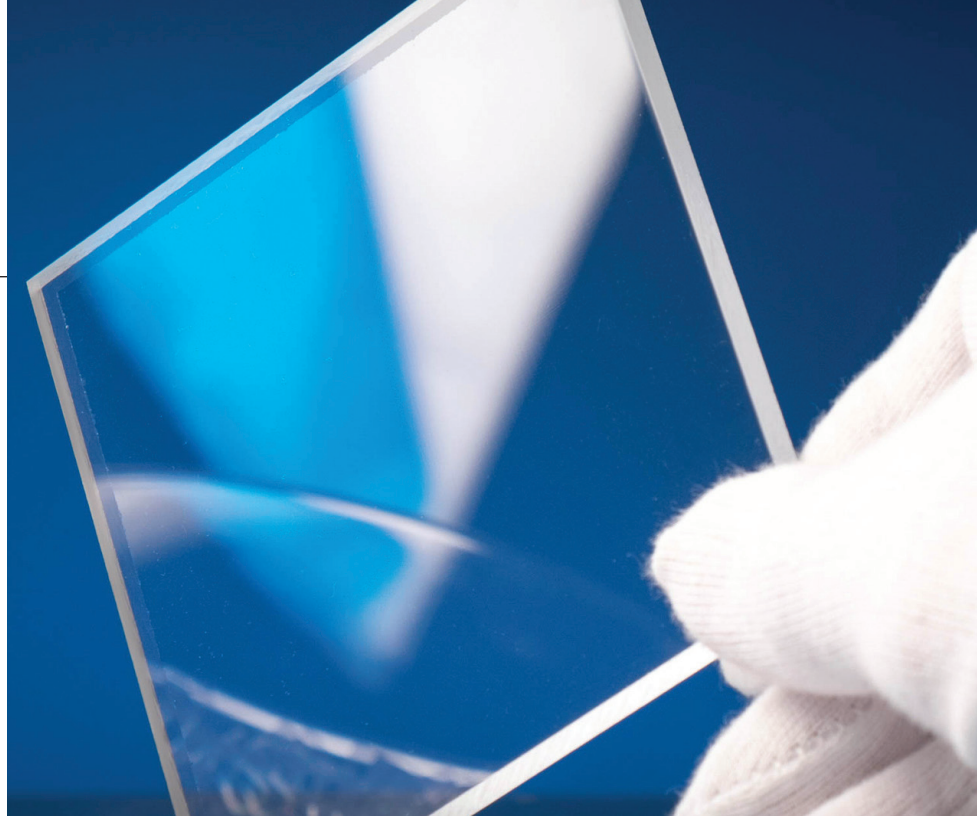
This glass is commonly used for shower doors, with a translucent milky-white appearance. This helps in maintaining privacy along with allowing light to travel across the room.

### LAMINATED GLASS FOR WINDOWS AND WINDSCREENS

Laminated glass is a popular option for security assets such as front doors, car windscreens, and store window fronts. Laminated glass is glued together with an interlayer, which protects it from shattering when impacted, thereby minimizing the risk of break-ins and other potential damage caused by shards of shattered glass.

### COATED GLASS FOR HOME INSULATION

Coated glass is flat glass, which offers new improved properties to help with insulation and infra-red protection. It is used for double-coated windows to augment home insulation. This in turn helps in propelling the thermal efficiency of the home along with decreasing costs.



### TINTED GLASS FOR IDEAL DOORS AND WINDOWS

Tinted glass in doors or windows allows for better privacy. Tinted glass blocks the view from the outside whilst enabling plenty of natural sunlight to get through. Tinted glass can also reduce the number of harmful UV rays, thereby offering health benefits.

The glass industry has come a long way through

these advancements. The current lifestyle and preference for natural light has boosted its use. The current challenges include the high prices of the material, which restrains the growth of the market to a certain extent. However, the development of the construction industry is highly beneficial to the glass market. The increasing urbanization is playing a major role for the industry to grow. Furthermore, the demand

for value-added products in specific industries is increasing. All these factors are helping the growth of the advanced glass market, together with the wide range of designs and introduction of new trends, which are estimated to usher in an array of opportunities for the industry in the near future.



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