



Glass Manufacturing Group  
مجموعة تصنيع الزجاج

**AUTOMOTIVE (TRIPLEX)**  
**TEMPERED (SECURIT)**  
**ARCHITECTURAL**  
**GLASS**

**1983-2023**

40 years of experience and creativity in the  
field of glass industry for the world.



# ABOUT US

Glass Manufacturing Group (GMG) was established in 1983. It is considered the first manufacturer of automotive and securit glass in Egypt. It contributed in setting the Egyptian standards for manufacturing automotive glass (Triplex). It is considered one of the leading companies in the glass industry in the Middle East. We provide glass products for different types of vehicles such as passenger cars, trucks, and buses. We are proud of localizing the high-quality "Triplex glass" industry in Egypt. It meets the highest international industry standards for glass.

We strive for continuous self-improvement in our field. Thus, we are always eager to develop our products and services to meet the needs of our customers.

GMG implements the latest European technologies for making glass with high technical specifications. Moreover, It uses laboratory equipment to ensure the application of international standards required for the industry. GMG holds the highest quality certificates. The company is accredited by most car companies in Egypt and exports its products to the Gulf countries, the Middle East and Africa.

## **Our vision:**

**To always be the pioneers in the manufacturing of automotive triplex , securit and , architecture glass locally and internationally .**

## **Our mission:**

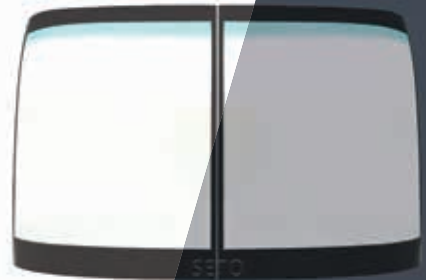
**GMG applies the highest quality standards and seeks to obtain the latest technologies in the glass industry by developing human resources .**

# PRODUCTS / 1

## **AUTOMOTIVE GLASS (Triplex) :**

An armored (laminated) windshield is an essential component of a vehicle's structural integrity, providing maximum protection for the occupants during accidents. This type of glass, made by laminating two pieces of glass with a layer (PVB) between them, provides protection from penetration. While smashing the triplex glass, the pieces remain cohesive in one form like a spider's web. These glass pieces do not fly around, thus it provides complete safety for passengers of vehicles. Therefore, it is an important security requirement.

The primary requirement for automotive glass is to provide a clear and undistorted view of the road and surroundings. Extreme weather conditions can make driving difficult, and driving in conditions such as rain, fog, sun, and dust can affect a driver's ability to see. When it comes to seeing the road ahead, get a clear view from your car's windshield. We offer a high level of high-quality automotive glass that meets the different needs of the local and international markets.



# PRODUCTS / 2

## TEMPERED GLASS ( securit ) :

It is a type of safety glass that has been manufactured by tempering it by thermal or chemical treatment to increase its strength compared to ordinary glass. Tempering leads to the pressure of the outer surfaces and makes the interior during tension , and this stress causes when the glass is broken to shatter into small granular pieces instead of being divided into large fragments as happens to normal annealed glass. Thus, tempered glass becomes completely safe for people, because when the glass is broken, it turns into small pieces with blunt edges that cannot harm anyone. Tempered glass is used in the manufacture of glass doors , oven led , office partitions, stair railings, shop windows, bathrooms, curtains, architecture.



Another benefit of tempered glass (securit) is the ability to withstand heat (470 degrees Fahrenheit). This makes tempered glass a great solution for situations where there is a risk of glass breaking due to shock or heat.

The high temperature that the glass is exposed to enhances and changes its properties positively, and the resistance of the tempered glass (securit) becomes 10 times stronger than that of ordinary (raw) glass.

# PRODUCTS / 3

## ARCHITECTURAL GLASS :

Architectural Glass is a kind of high-strength material, made of normal glass that is heated to nearly softening point and then cooling it down rapidly by air as many times as before. This process can improve the overall mechanical strength of glass and results in good heat stability. The high-tempered facade is safety glass.

The aesthetic, technical and energy properties of GMG glass make its scope of applications practically unlimited: from external glazing to interior decoration and industrial uses. With the richness of the ranges, architects and interior designers alike will find a material that gives shape to their creative inspiration and tames light, while assuring comfort for the building occupants and actively protecting the environment.



Solar control glass includes a special covering that helps lessening the heat entering houses. This sort of glass can retain and reflect heat and help reduce the requirement for air-conditioning. Thus, your home stays bright and cooler than with ordinary glass.

Solar control glass is not coloured, even though such finishes can be made for beautifying reasons, whenever desired.



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