

# **MODUL-C LTD.**

*Transparent Armour Production*

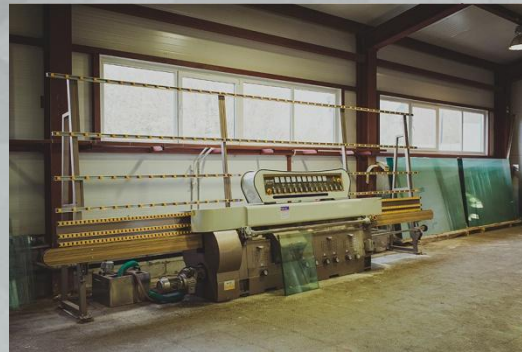


*“... Safety is really a category much higher than mightness”*  
*/Richelieu, France’s Cardinal and Generalissimo/*

# About MODUL-C LTD. Company



The MODUL-C LTD. company focuses on production of bullet-resistant, explosion-resistant, fire-resistant and shock-resistant glass. Our products have passed the obligatory official tests and have got the certificates of conformity with the safety requirements.





# About MODUL-C LTD. Company



The long-term and successful co-operation with such clients as YUGRA BANK, ROSBANK, HOME CREDIT BANK, etc., participation in construction of new objects, belonging to the Ministry of Defence and Federal Security Service of Russia, and alteration of the existing ones testifies to the fact that MODUL-C LTD. is a reliable and responsible partner.



# About MODUL-C LTD. Company



Owing to wide customizing, flexibility of production process, up-to-date equipment, efficient manufacturing process and qualified personnel we can reduce the time of order fulfillment and provide the production quality corresponding to the highest Russian standards.





# Armoured Glass



# Armoured Glass



Manufacture of top-quality safety glass together with up-to-date equipment and technologies is the principal business direction of **MODUL-C LTD.** being one of the best performers in this production sector.



# Armoured Glass



**Laminated safety (triplex) glass** is a product of implementation of innovation technologies at the intersection of Physics and Chemistry. Our company manufactures the “transparent armour” according to the time-proven polymer gel-filling



technology using high-quality UF-curable polymers from Russian leading manufacturers and glass from the **AGC** company.



# Armoured Glass



Being a multilayer glass-and-polymer structure the bullet-resistant, explosion-resistant and burglar-resistant glass has high strength and density and meets the safety requirements specified for security equipment of buildings and constructions.

**MODUL-C LTD. has also mastered production of “warm armour” which is essentially the double and triple safety glass units.**







# Fire-Resistant Glass

# Fire-Resistant Glass



Types of fire-resistant glass are distinguished depending on the **fire-resistance properties** according to the time of reaching one or successively several standard signs of limit state:

- E** – loss of textural integrity;
- I** – loss of thermal insulating capacity when heated;
- W** – loss of thermal insulating capacity when exposed to heat radiation.





# Fire-Resistant Glass



Fire-resistant glass produced by **MODUL-C LTD.** has high optical and performance characteristics such as: resistance to frost, thermal and sound insulation, safety and long-term serviceability.

Moreover, depending on the fire-resistance index, this type of glass provides **bullet resistance** and **explosion resistance** of corresponding class.





# Armoured Windows



# Armoured Windows



**MODUL-C LTD.** is busy with developing, manufacturing and installation of burglar-, explosion- and bullet-resistant steel-made windows.

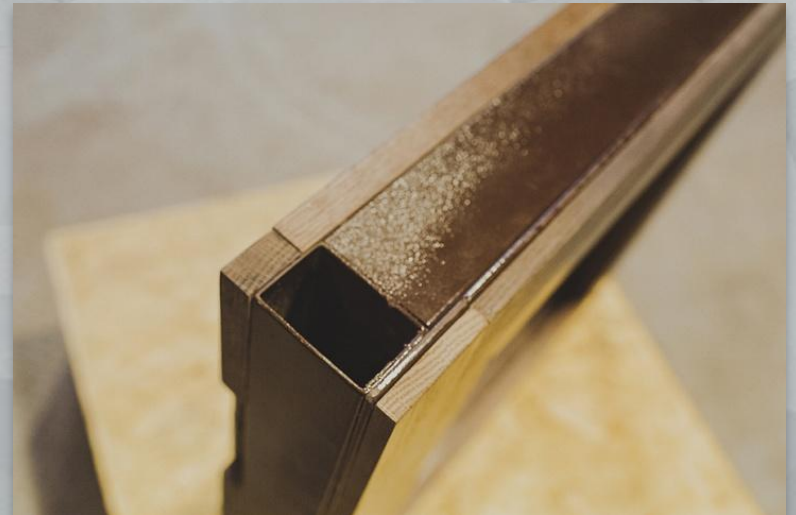
Excellent performance characteristics and high wear resistance are the basic requirements imposed to the windows intended for protection of human lives and material values.



# Armoured Windows



To provide the maximum presentable appearance with high index of technical resistance against burglary the armoured windows are painted with high-quality European-made powder coatings and decorated with finewood plates of various textures and colours.





# Armoured Windows



The **armoured windows** with special glasses maintain maximum strength during the whole service life, provide reliable protection of rooms against breaking and the personnel against the **weapon killing elements**.





# Office Partitions

# Office Partitions



The **new** products mastered by the company are the new **aluminum transparent and solid inside partitions** widely used for office space zoning, bank operating halls and shopping centres.





# Офисные перегородки



Easy mounting of such constructions makes it possible to mount the customer cabins on the “**far armour side**”, thus, offering our clients to enhance the package approach to solving the problems of technical resistance to burglary as well as to improve the creative level of interior design (printing of logos, labels and inscriptions in the corporate style on glass office partitions).





# Laminated Safety Glass (Triplex)

# Triplex



Ever since being invented in 1909, the laminated (triplex) glass is considered as safety glass, which compared with common glass has the best characteristics in the person protection against damages. Triplex glass is commonly considered as laminated glass.



Lamination itself does not enhance the glass strength, but when breaking, it remains unbroken, i.e. the glass fragments are kept by the film.



# Triplex



The in-production combination of various types of glasses and films makes it possible to obtain the required functional and decoration effect satisfying all up-to-date requirements. The laminated safety (triplex) glass can have a decoration function together with such properties as shock resistance, power saving, sound insulation, vandal and burglar resistance.



# Triplex



Combination of unique properties (from decoration effect to high strength and safety) provides the maximum wide use of laminated (triplex) glass in architecture, in interior design, motor industry, rail carriage building. Triplex glass is used for making doors and partitions, staircases and floors, for glazing of shopping halls and centres, shop windows, translucent and frontal constructions.





# Fancy Glass



# Fancy Glass



In modern interiors glass and mirrors, beyond their practical use, increasingly obtain a decoration function, now and then realizing the ambitious design solutions when the other materials are absolutely unable.



**To create and point out the customer's personality and nice style MODUL-C LTD. offers a wide range of glass decoration elements.**

# Fancy Glass



The sandblasting treatment of glass and mirror surfaces is the most popular with the customers. This type of treatment provides an immense variety of pictures and design elements with their further decoration with bevels, diamante and glass fusing elements.



Colouring and using of tinted glass make it possible to create the individual corporate interior style.

# Fancy Glass



The sandblasted glasses with decoration elements are most popular in interior design of **halls**, as well as in manufacturing of **translucent partitions**, various types of **interior doors, furniture** and **sliding-door wardrobes**. All these interior elements **can be not only** functional or decorative **but** promotional as well.



**Using** of bevels, diamante and glass fusing elements for decoration of glass and mirror surfaces can put into practice the most fantastic **designer's dreams**.





The detailed information  
about **MODUL-C LTD** you  
can find on our web-site:

[www.modul-c.org](http://www.modul-c.org)