



Exclusive acrylic solid surface products

www.artcor.ru





About ArtCor®



ArtCor® is one of the leading acrylic solid surface processing businesses in Europe. Specialists' many-year experience, professional equipment, and advanced technologies enable the company to successfully implement large-scale and technologically sophisticated projects.

The works of ArtCor® are known both in Russia and abroad: Russian and foreign industry printed press regularly feature them.

In 2016, the company was nominated for a high-profile international award Company of the Year, and gained the title of The World's Most Innovative Company according to ISFA (International Surface Fabricators Association).



We've been
in the industry

since **2008**

2 500
m²

manufacturing area

Over **100**

team members



Technology



Over 10% of the company's total staff are qualified engineers and designers with a degree from the best Russian technical universities.

A wide choice of computational design tools, the use of algorithmic and parameter methods, as well as CNC-controlled facilities and traditional manufacturing methods, make it possible to produce the most effective result in the process of manufacturing, assembling, and use of products.

The product design process is based on modern algorithmization and optimization software tools, plugins for parametric modeling, built-in graphics algorithms, and automation and engineering process scripts.

It consists of the following stages:



3D modeling



Calculating strength and finding critical points



Calculating highly dangerous sections



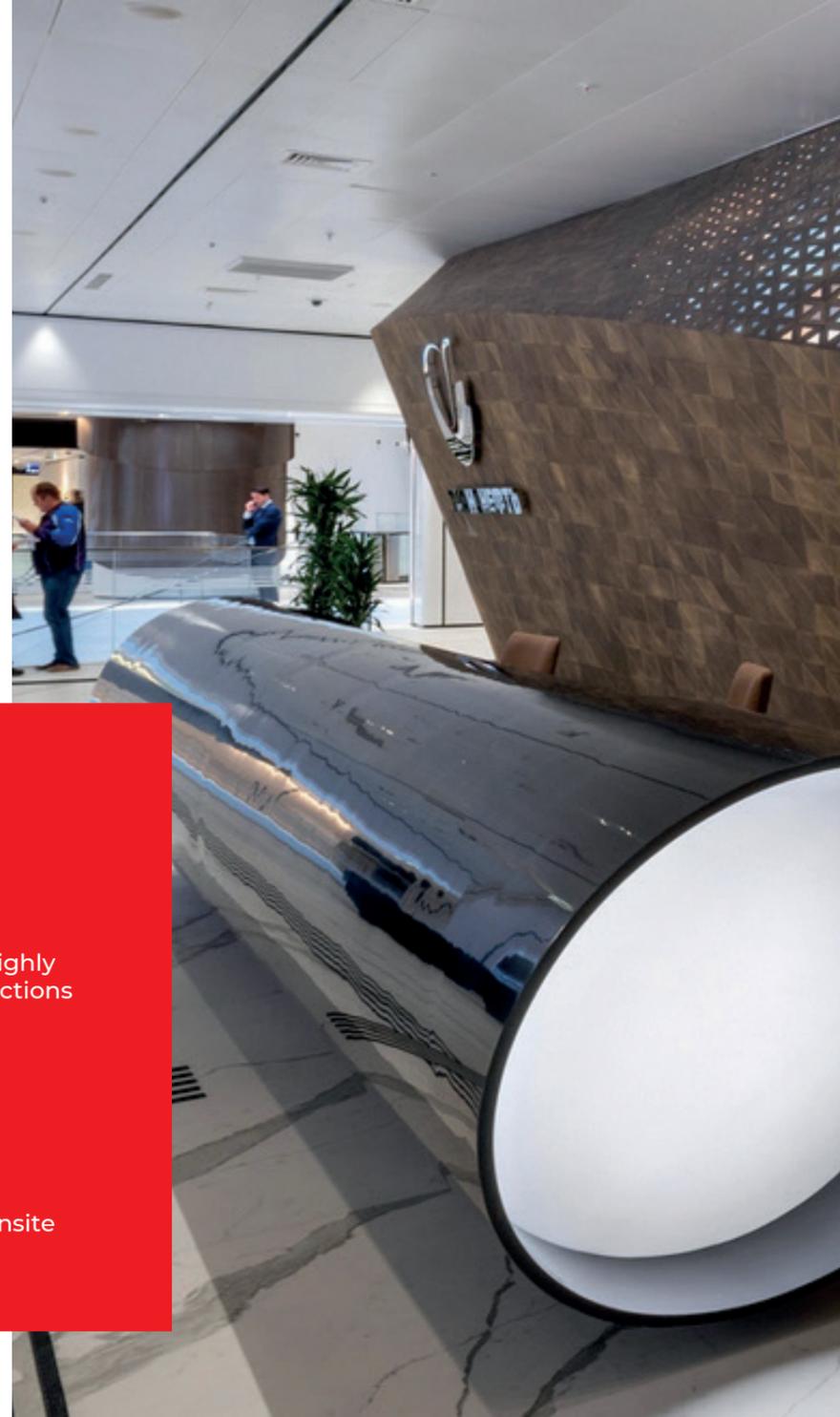
Preparing CNC software and algorithms



Preparing production drawings



Designer's supervision onsite



Manufacturing



The company manufactures all its products entirely in-house, its production is fitted with advanced equipment, including the latest models of CNC machines.

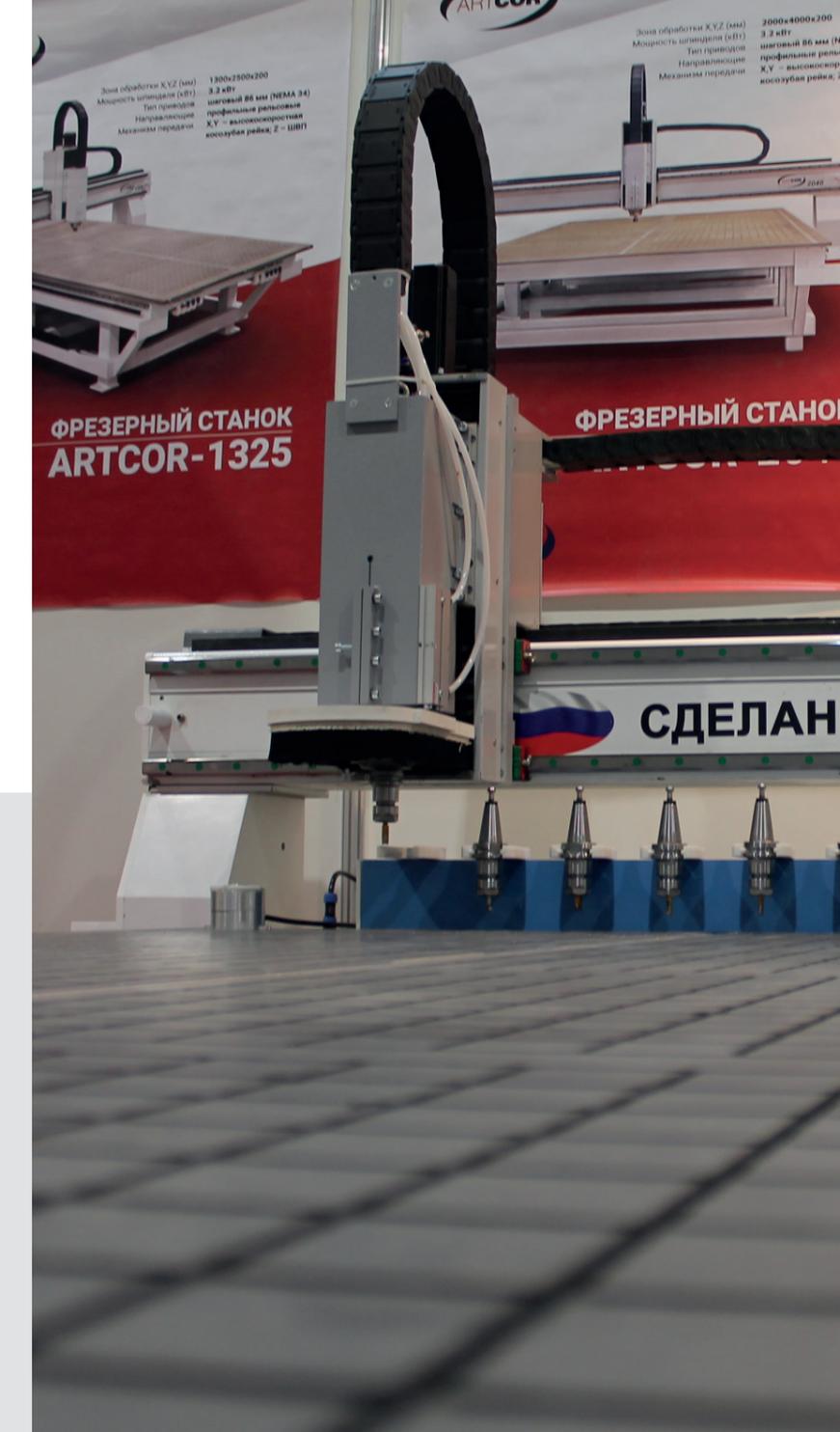
In addition to all famous brands of acrylic solid surface, the company processes material under its own trademark ArtCor®.

Alongside the manufacture, the company independently designs and produces CNC machines under the brand ArtCor® at its production facilities. Thanks to it, all materials are processed on the cutting edge and customized equipment with the broadest options.



End-to-end manufacturing includes the following operations:

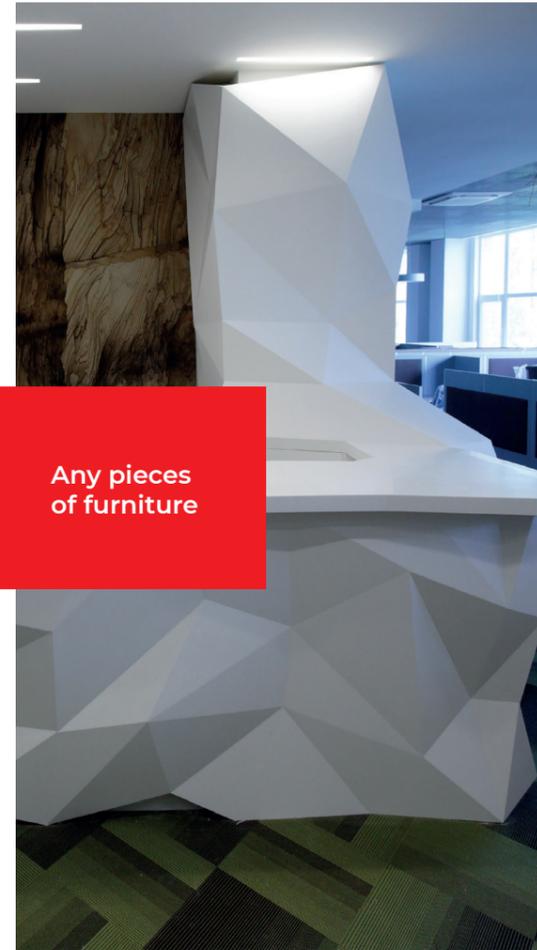
- ✓ Mechanical processing (milling and cutting)
- ✓ Thermal compression molding
- ✓ Bench-work and welding of metal parts (argon, semi-automatic, electrode)
- ✓ Product assembly at the shop
- ✓ Mounting of prefabricated components



Product range



Elements of covering of walls, columns, ceiling, and other interior items

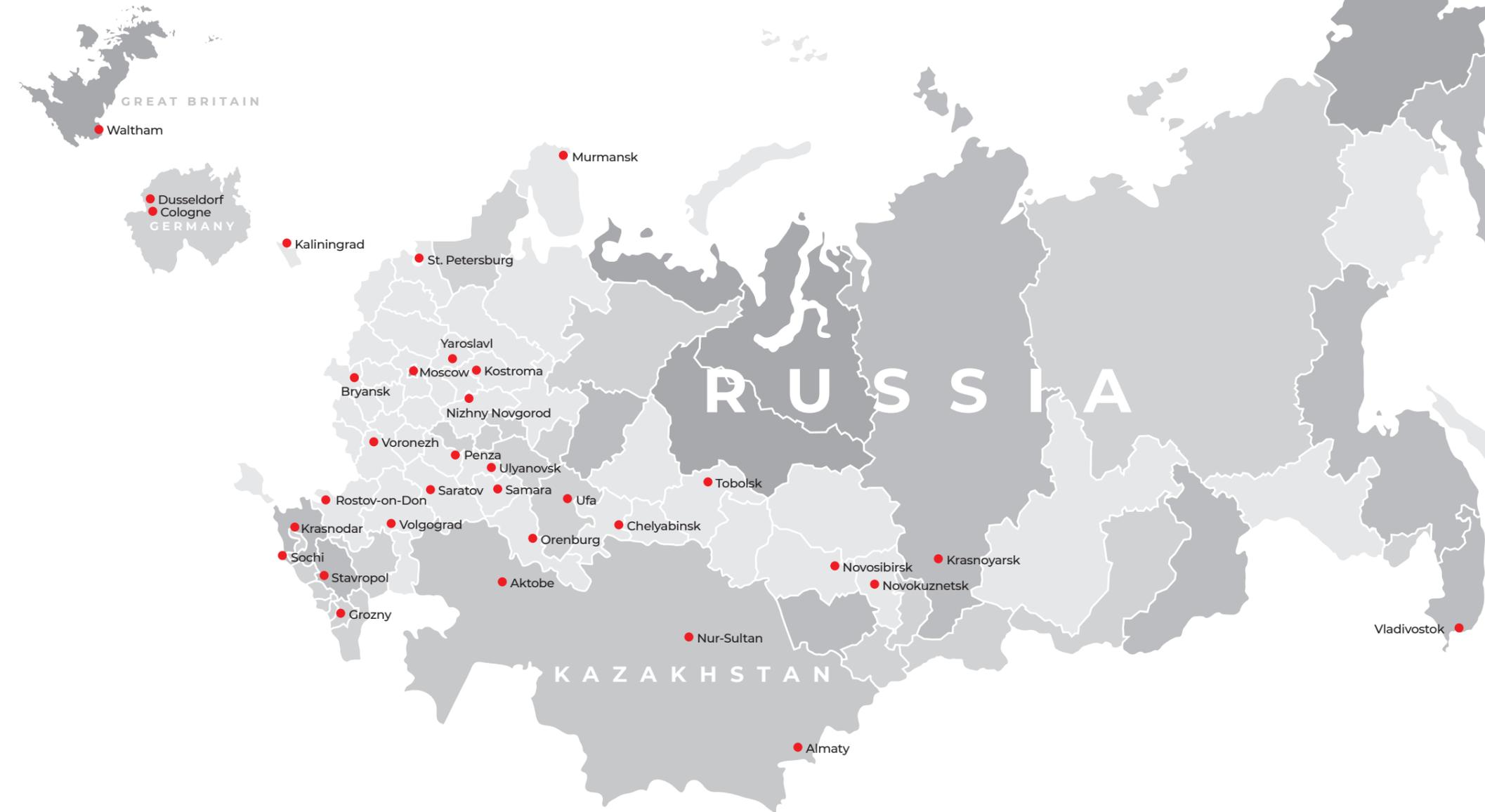


Any pieces of furniture



Small architectural forms and other acrylic solid surface products of interior and exterior purpose

Project Geography



Large scale



Zaryadye Moscow concert hall

A unique interior was created being in the lead in terms of the volume of acrylic solid surface used in decorating the concert hall lobby in the territory of Zaryadye park against the walls of the Kremlin, the recent biggest and most expected cultural project.

Original LED materials were put to good use in cladding the balcony, finishing ceilings, walls, stairs, benches, bar and furniture elements.

The total work area exceeded 4 000 m². 1 151 details of ceiling slats with total mouldings of 4 300 meters were fabricated.



Complex engineering solutions

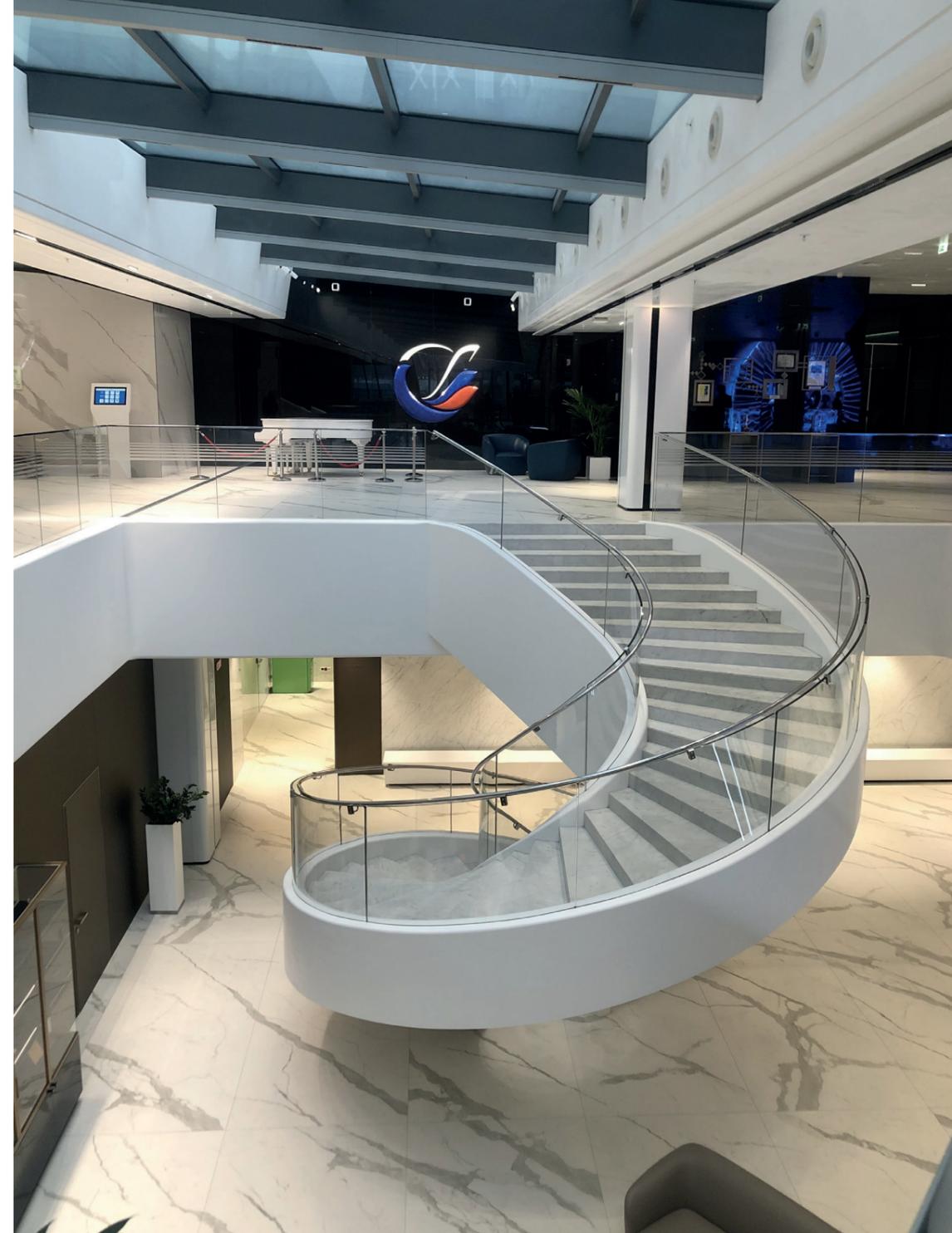


Transneft PJSC company office

A solid surface circular staircase was the central element of this project unique in its scale and elegance. The company's specialists designed, calculated and manufactured a load-bearing metal structure, and then cladded it with acrylic solid surface.



Project's author: EForma architecture and design studio



A multi-purpose area with the introduction of cutting-edge technologies



The project's author, designer Alexandra Antonova notes that 'the team was tasked with creating a multi-purpose area with the introduction of cutting-edge technologies with a recognizable design in bionic style. The elegant modern design of the facilities brings a feeling of balance and dynamics at the same time, like a movement of a river wave.'

Visitors face the interior with curved surfaces breaking stereotypes with a distorted perspective'. Acrylic solid surface was used when manufacturing pieces of furniture, a bar counter and a wardrobe, facing columns.



This interior in the Moscow City business district picked up the main prize of **European Property Awards 2018**.



Complex engineering solutions



A suspended structure. Space Café, Gagarinsky shopping mall. Blank Architecture

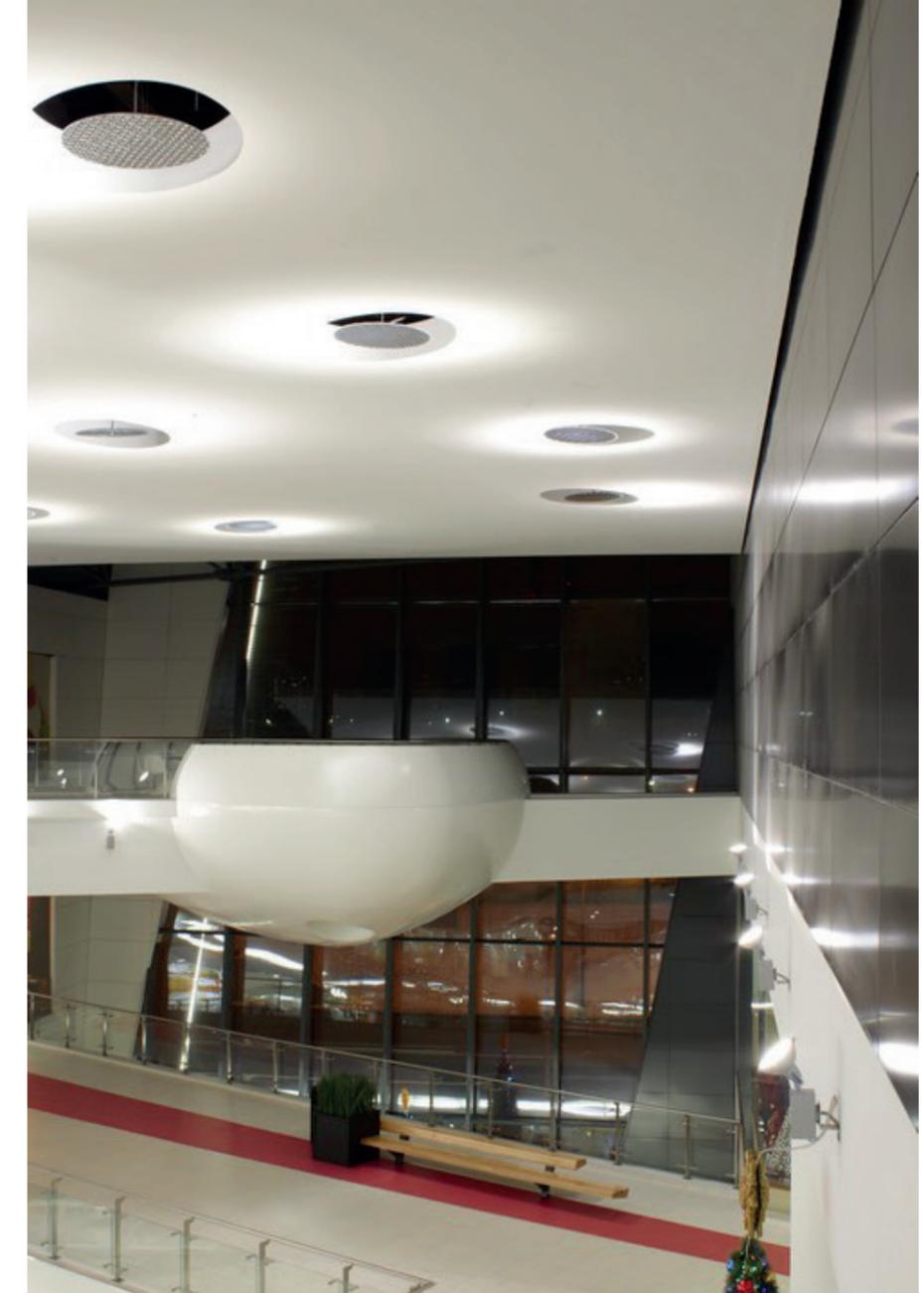


A suspended spherical structure made from acrylic solid surface is a centre of attraction of shopping mall guests, dominating in the decoration of a huge atrium.



This is Europe's biggest suspended structure made from acrylic solid surface. Its diameter is over 10 m, weight is more than 2.5 tons.

The item is located at a height of 12 meters from the floor level. In addition to highly professional work on the product manufacture and assembly, ArtCor® engineers developed and implemented a unique suspension system for cladding this scale and shape.



Plasticity of shapes



Rosnano corporation data room, T. Bashkaev's architect firm

An infinity sign made from white solid surface 30 meters long perforated in a complex way going over wall panels into the ceiling and looping back in a continuous stream of the Mobius strip is the central element of the exhibit.

This piece of work, which gained popularity in the world professional community, became an example of the happy blend of gorgeous design from the Russian leading architect firm recognized at the highest level and the use of state-of-the-art technology of solid surface processing (perforation, thermal forming, unique suspension system – more than 400 attaching points, seamless joints).



Complex engineering solutions



LEO BURNETT company office, Nefa Architects



Glossy black inlaid glasses became the key element of working space for creative people. They became not only the brand trademark but also a significant element of space organization.

This exact copy of glasses, which company's founder Leo Burnett wore measuring 10x10 m and weighing almost 3 tons is made from solid surface by ArtCor® company.

A reception stand made from translucent acrylic solid surface with original lighting is located under the glasses emphasizing its size.



Plasticity of shapes



A Mod Design multi-purpose complex reception stand

Karim Rashid, the leading industrial designer of our time, a pioneer in using modern thinking and new technology opportunities in everyday life.

To bring his idea of an entrance lobby of MOD design business centre in Moscow to life, Karim chose a reception stand made from acrylic solid surface in a unique shape of a flowing drop. The ability of the material to take any shape to turn bold design solutions into reality, as well as to provide seamless assembly of joints perfectly fulfilled in this case.



Possible use in exterior



A gazebo in Sokolniki park

A large-scale structure measuring 5x7 meters.

During its manufacturing, wind and snow loads analysis was carried out for the first time in Russia. Also, the effect of temperature extremes typical for the climatic region of Moscow on the structure was taken into account.



Plasticity of shapes

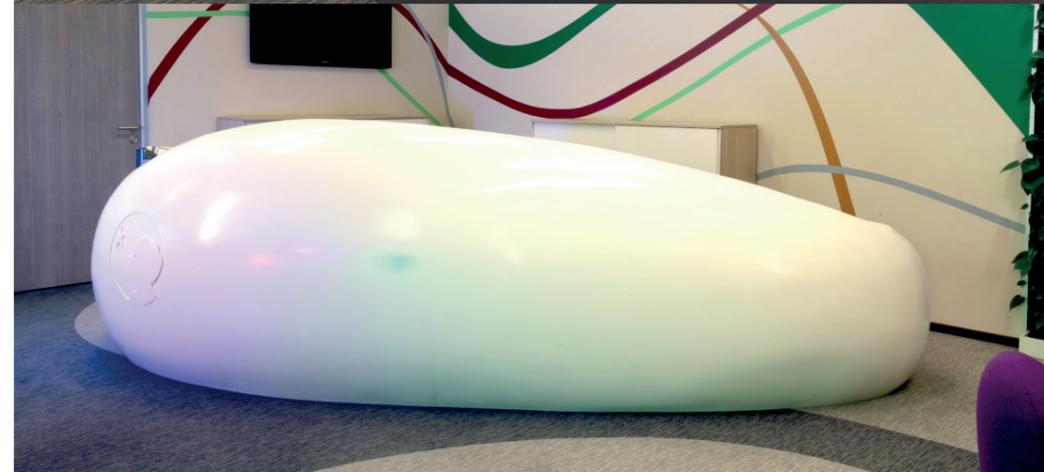


Office of the Future, Sberbank

The Office of the Future project for Sberbank company, a unique high-technology office developed by London design office Fitch, is the Russian first-ever bank lab designed to test modern technologies of banking servicing.

Interior, in particular acrylic solid surface structures, plays a critical part in providing a new level of servicing, namely:

- Unique ball-shaped terminals and sofa areas for clients' convenience;
- A circular-shaped reception stand with original LEDs meeting visitors;
- A high-tech bar counter with built-in monitors enabling clients to perform operations over a cup of coffee;
- A column with an extension over 4 m in diameter with in-built devices;
- Desks of an unusual shape, straight columns, windowsills and an entry area, including a wardrobe and a mirror framed in solid surface.



Danone company office

For Danone company's central office, original curved reception stands with a relief image were manufactured. An S-shaped milk bar more than 10 m long with the use of acrylic solid surface load-bearing capacity became the dominant of the office space.

DuPont Science and Technology innovation centre office

For DuPont Science and Technology company's innovation centre, ArtCor® specialists designed and manufactured a multi-purpose solid surface wall with built-in monitors, pull-out mechanical desks and a curved side surface where images from a projector can be displayed.



Possibility of full or partial decorative lighting of product



Novotel Sheremetyevo

By the 20th anniversary, reception, lobby and restaurant areas were completely reconstructed at Novotel Sheremetyevo hotel.

The project author was the UMA Architects architect firm. ArtCor® company manufactured and assembled a range of products including the Novotel symbol – an exhibit consisting of rings at the reception area. Additionally, LED columns, reception stands from translucent solid surface, a bar counter of an unusual shape were manufactured, lift shaft walls were framed. The restaurant area was completely reequipped: buffet lines and waiter stations were manufactured from acrylic solid surface, a fountain and stairs were decorated with the same material. The space became filled with light and air, and the decorative lighting of numerous interior solutions brought a recognizable style to the renewed image of the famous hotel.



Aeroflot – Russian airlines company office

In this project, straight and inclined columns 6 meters high were faced with acrylic solid surface, white colour of the columns emphasizes the lightness of the space giving it extra volume. An original design element is an eye-catching lateral lighting in the shape of discrete strips resembling trails left by an airplane in the sky. This looks particularly beautiful at night.

Design: Sergey Estrin's architectural studio.



Possibility of full or partial decorative lighting of product



Telecominvest company office

A futuristic art object in the form of an island made from teletype tape with service spaces inside is located in the centre of Telecominvest company's modern office, the entire object is made from acrylic solid surface and added with flexible LED panels, which dynamically display information – news, weather forecast, and currency rates.



Triangulation



In the course of the last 20 years, world architecture has been at the stage boldly called the age of parametrisation, which replaced modernism. This advanced movement appeared at the interface of architecture, sculpture, biology, mathematics, and computer technology. It exceeded the scope of Avantgarde long ago and became a massive and unprecedented event in the architecture of modern cities, industrial design, interior and furniture design.



The technology of creating eye-catching triangulate shapes (origami) is extensively used due to the properties of acrylic solid surface. This complex technique involves the use of parametrical designing methods and gains popularity in manufacturing both individual pieces of furniture and entire spaces.



Rich in colour



The modern tendencies in choosing colour combinations are changing rapidly: they're bright, complex, intelligent, unusual, soft, translucent shades. That's why teams of designers, artists, and architects work on the creation and renewal of the colour palette all over the world, continuously updating and replenishing collections.

It's hard to believe but when solid surface entered the market for the first time, in the 60s of the past century, it had only 4 colours. As for today, there are over 500 colours in the company's material palette, which makes it possible to bring almost any colour choices to life. Additionally, there's an option of creating an exclusive project colour, according to the client's wishes.



Milling an original image



One of the numerous ways to give a unique look to any interior or piece of furniture is to mill an original picture, pattern or note using a CNC machine. This technology can also be used to encrust one colour to another one using seamless technology, including translucent shades for further lighting of a separate element, pattern, phrase or company's logo.



Manolo Blahnik boutiques

The big-name British designers of Data Nature Associates suggested an elegant and exquisite decoration of walls of boutiques for sophisticated clients: acrylic solid surface turned into laces with an original natural floral pattern. An extremely delicate work was done reflecting the wide application of the material, in particular, CNC milling of any pictures and patterns.

Medical equipment



Wide worldwide use of acrylic solid surface in medicine is largely a tribute to its unique hygienic properties. Seamless merging and lack of pores prevent penetration of viruses, bacteria, and fungi into the material and their growth.

Together with the most advanced Russian team in the area of industrial design, SmirnovDesign, the use of acrylic solid surface in medical equipment manufacturing was started. The case of the first Russian tomograph is made from solid surface of different colours, major work was done on thermal forming, incrustation of notes and lighting. The base of a vision correction device with additional boxes, as well as a test small tomograph were also made from acrylic solid surface.



Mechanization application



Johnson & Johnson company office

For The Vision Care Institute, a professional education centre for specialists in the field of vision correction, a central reception stand with ceiling structure made from solid surface and 'eyelashes' made from acrylic glass was manufactured. When manufacturing the stand, a unique mechanism was developed: it opens and closes a massive solid surface door at the touch of the inner edge of the tabletop.



Desks



Beautiful modern office furniture is a cornerstone of office image and employees' comfort, and an office desk is the base of the set since office staff spends most of their time at the desk.

This furniture made from acrylic solid surface is highly ergonomic besides its high aesthetic properties.

Rostelecom company office

For a renewed Rostelecom company office, a wide range of products was manufactured: office desks for employees, leaders and meeting rooms, drawer units, closets, pieces of furniture for wardrobe and coffee point.

Soft, reserved tones prevail in the interior and furniture: grey, beige, milky.



Furniture for shopping malls

Acrylic solid surface is used in shopping malls because it not only helps owners, architects, and designers meet unique demands for public places but also because of its usability: strength, durability, wear-resistance, reparability.

A shopping mall is always an object of attraction for local people, families with children, a place where one could make purchases and choose gifts, have a snack, and have a good time. Combinations of recognizable unique style and high visual and performance characteristics are necessary for these public areas. That's why solid surface is widely used in the spaces of this sort all over the world.



Tau Gallery

Tau Gallery shopping mall project architect - British architect firm Dyer designed the internal concept of the interiors of malls, café and restaurants zones. Philip Ball, Dyer chief architect, says:

'Modern design - functionality and first-rate style – are the key advantages of Tau Gallery shopping mall. We developed a unique solution for a dynamic and bright high-level shopping mall where a wonderful friendly atmosphere meets style.'

ArtCor® manufactured a wide range of products: planters, benches, information stands, food-court, and entrance zone.



Mega Silk Way shopping malls

MEGA Silk Way shopping mall is a new chapter for the MEGA shopping mall chain. British architects from Chapman Taylor developed the key concept for creating one of the best projects in their portfolio – a shopping mall in Nur-Sultan. MEGA Silk Way is a significant object from the perspective of tourist and investment potential of the capital, which combines the best qualities of MEGA chain projects. For Kazakhstan, this is a unique project in terms of scale, novelty, and modern technological and interior solutions.

A few fountain compositions, information stands, planter benches, and other pieces of furniture were made from acrylic solid surface.



Furniture for shopping malls



Columbus shopping mall

Columbus is a new-generation shopping mall with a strongly pronounced family and recreational component. There's a lot of light and sun, the main interior colour choice is light shades, including planters with high trees, comfortable LED benches, and information areas.

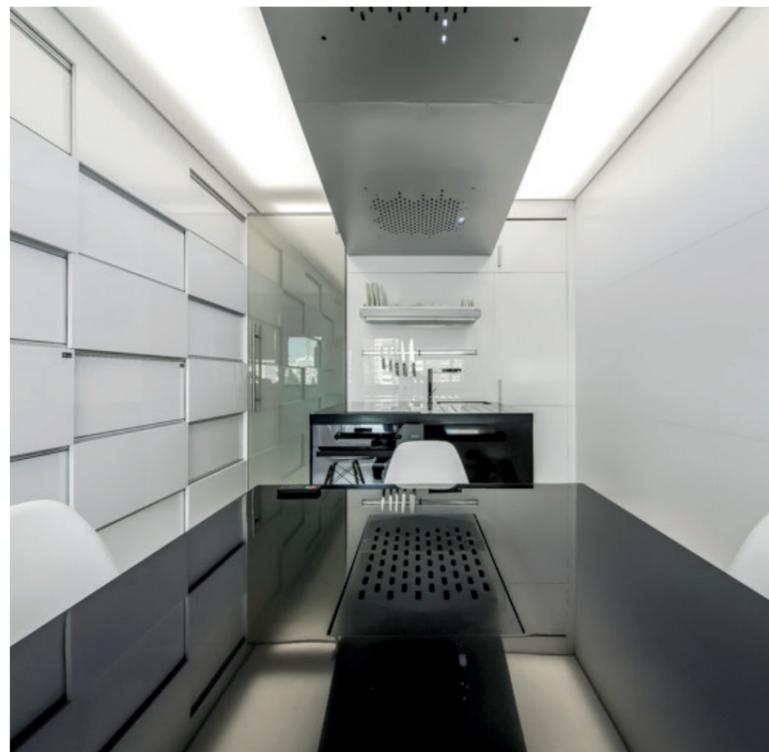


Projects for private residences



The entire spectrum of unique properties of acrylic solid surface comes up not only in public but also in private interiors.

A wonderful colour palette, the plasticity of shapes, seamless assembly of joints, decorative lighting of products, milling an original image – all this makes an interior recognizable, practical, and inimitable for every owner.



Advantages



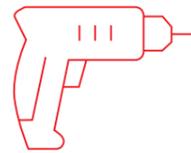
Unique technological competences

Availability of our own engineering developments and carrying out continuous research to enhance technology, used equipment and materials allow ArtCor® to turn the boldest architectural and design ideas into reality, including load-bearing, suspended, high-rise structures of any size and shape.



End-to-end manufacturing

The possibility to organize and control any part of our own manufacturing process and, if necessary, make dynamic changes eliminates the risk of possible information loss, lack of proper quality and production time control, overvaluation of client's budget, and other problems typical when you attract outside companies while working on the same process.



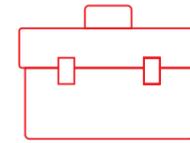
Turn-key projects

ArtCor® undertakes all stages of product development for interior and exterior: engineering, manufacturing acrylic solid surface elements and load-bearing frames, the additional supply of other materials, lighting equipment, as well as workshop assembly and final mounting.



Quality control

A special-purpose multistep quality control system allows thoroughly monitoring of the condition of manufactured products, preventing defects.



High-level after-sales service

The company provides its clients with high-grade after-sales service, including professional service and acrylic solid surface product repair with a reliability guarantee and in the shortest time possible.



Multifold possibilities

Experience, professional competence, and rationalism allow the ArtCor® team to implement projects of any scale and complexity level of various purposes: business centres, offices, shopping malls, airports, stadiums, medical institutions, hotels, restaurants, any public and private spaces.

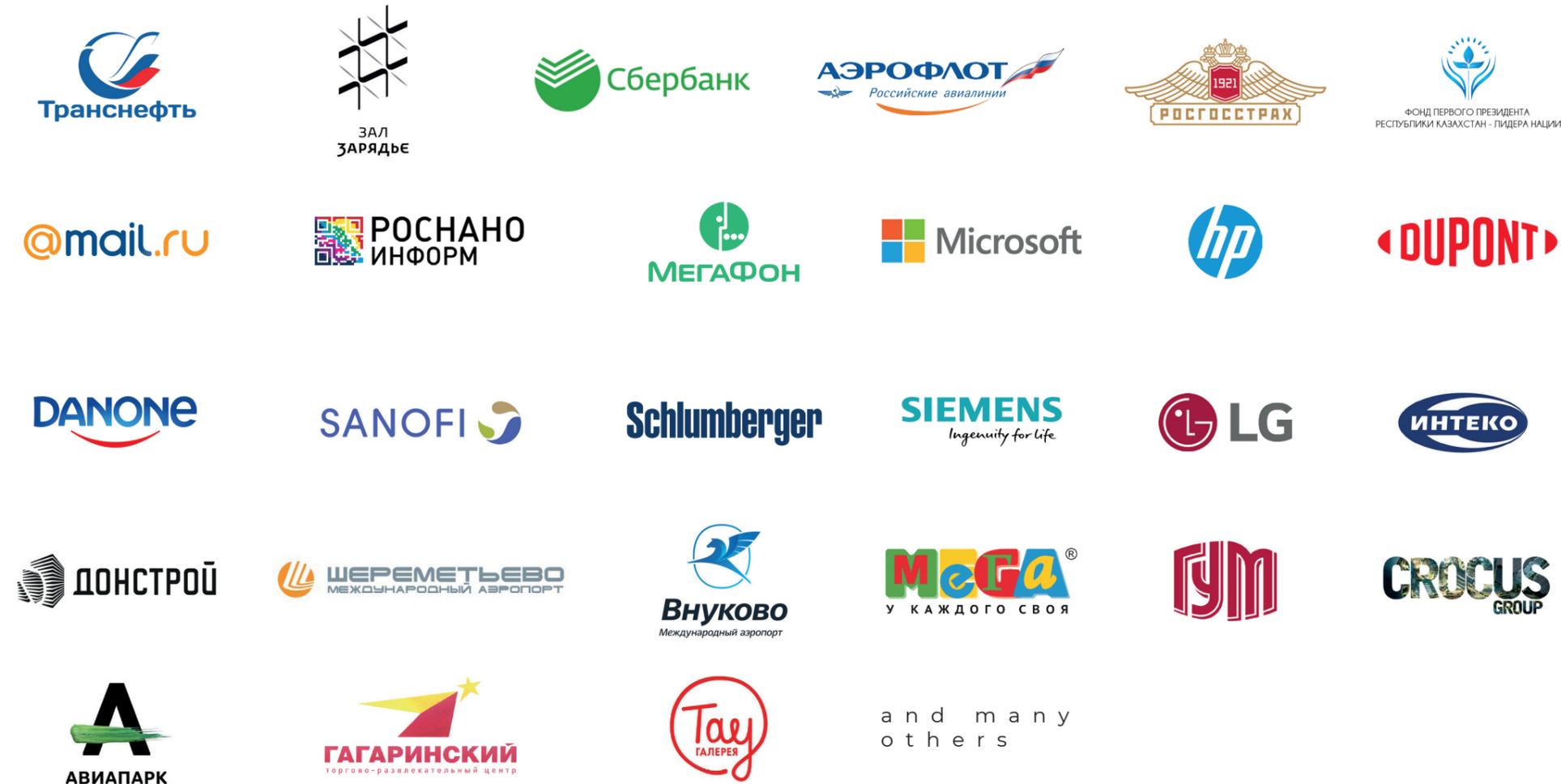


Competent personnel

The ArtCor® team consists of experienced specialists who completed specialized training and regularly improve their skills. Well-coordinated work of the staff makes it possible to provide clients with a perfect result and guarantee high product quality.

Our clients

ArtCor® company implemented projects for a number of Russian and international big-name companies, including:

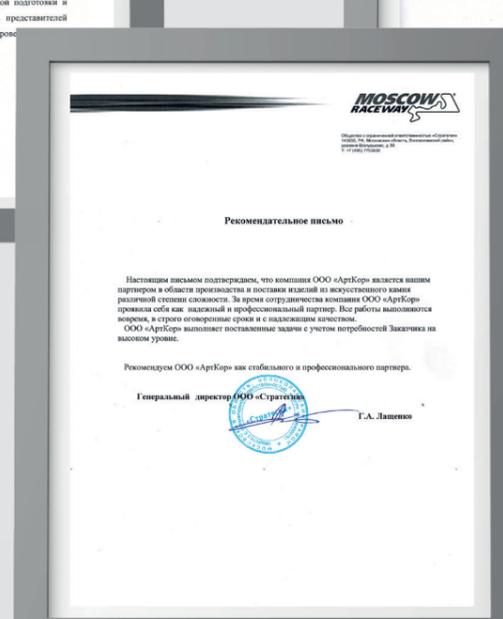
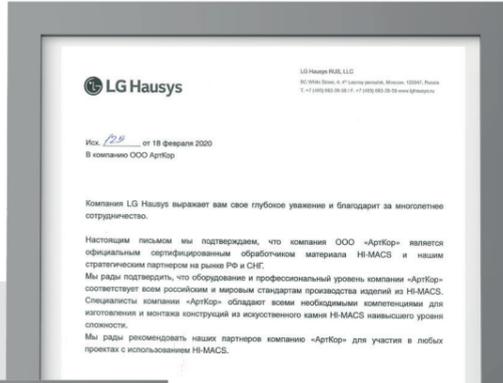
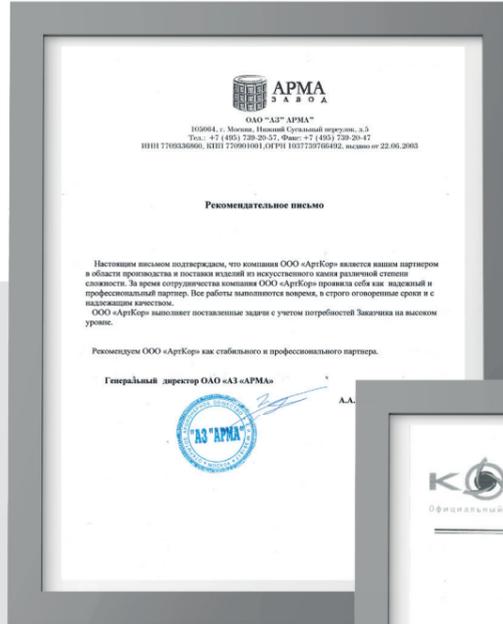


Team

ArtCor® team is unique specialists with huge experience in implementing large commercial facilities of higher engineering complexity. These are vigorous and close-knit talents who daily employ their capacity to provide the company's customers with a perfect end product.



Letters of recommendation





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