

A new era of
installation technologies
and aluminum systems

ADIGER | ALUMINUM SYSTEMS

MONTAGE TECHNOLOGIES



adigeraluminumsystems.cy

Looks like you found

THE RIGHT PARTNER

Dear colleagues and clients, we are pleased to introduce you to our company in the field of aluminum technologies, production and installation of structures. Our company aims to provide every consumer with high-quality and reliable products, develop and improve technologies and engineering solutions, and of course - environmental safety.

That is why we cooperate with leading manufacturers who have proven themselves well on the market. That is why we strictly adhere to safety standards and warranty service. That is why in our company, at all levels, we try to develop the professionalism and competence of our employees. And by developing ourselves, we are getting closer to our goal - affordable, high-quality and safe designs.

Our company specializes in the glazing of buildings, as well as the installation of hinged ventilated facades.

Our Services:

- Translucent aluminum facade
- Aluminum windows and doors
- Sliding aluminum structures
- Hinged ventilated facade
- All-glass structures
- Design
- Service work

We hope that each of you will find exactly what you need!

SINCERELY,
CEO

ADIGER | ALUMINUM
SYSTEMS

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TRANSLUCENT ALUMINUM FACADE:

In this section you will find translucent (glass) structures, doors, windows, sliding structures.

In modern architecture and interior design, various types of light-transparent structures are widely used: facade glazing of buildings, stained glass windows, transparent roof structures, etc. Aluminum stained glass windows provide an original design of modern buildings, bringing a special aesthetic to the style of the entire city. The interior of buildings receives the necessary lighting depending on the type of double-glazed windows used to fill the facades.

The use of aluminum for facade construction is explained by the fact that it is a light, strong material that is not subject to corrosion. Where large sizes are concerned, the advantages of aluminum facades are undeniable.

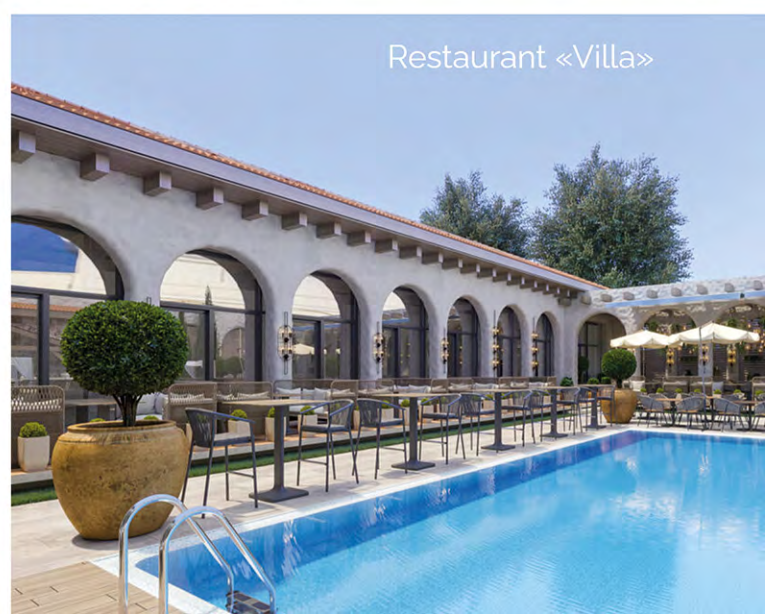
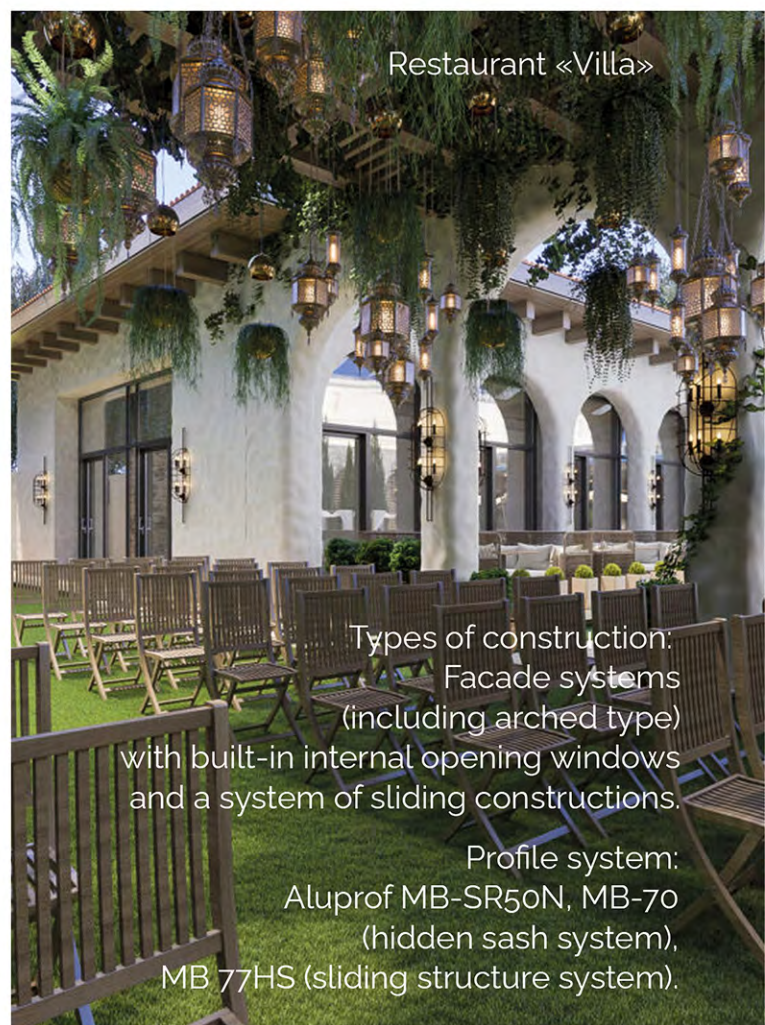
In the manufacture of aluminum structures, we use profiles from the following profile systems: Reynaers, ALUPROF, Schüco, ALUMIL, Muskita.

Restaurant «YUG»
Facade systems
with built-in structures

Profile system:
Aluprof MB SR50HI, MB60,
MBSR50EFEKT, MBSR77HS,
MB86 FoldLine

System used:
DUPLEX.
(weight DG/W: 120 -530 kg)





FRC, SPA - Center



FRC,SPA - Center



Types of structures:
Profile system: LorenzoLine 50F
Window and door system: Anodized profile
Double-glazed window: HP Titan 70/54



FRC,SPA - Center

WEO,
gas station



Types of structures:
Profile system: Framex F50
Built-in window - doors:
Framex FT72
Internal window - doors:
Framex 46M

External glazing:
SGG Cool Lite KN 166 (Saint-Gobain)



«Manhattan», Residential complex

Types of structures:

Facade systems with built-in windows, internal openings.

Profile system: Aluprof MB SR50HI, MB70.





TAVEL HOTEL



Private maternity hospital



Types of structures:
Facade systems with built-in
windows, opening inwards.

TAVEL HOTEL



Types of profiles
Window-door system AluprofMB-86
Lift doors system with thermal insert
AluprofSkyLine Type R
Facade systems
Aluprof MB-SR50N HI+

Private maternity hospital



Profile System:
Aluprof MB-SR50N, MB-70
(hidden sash system)
Automatic Door System :
GILGEN Door Systems

TAVEL HOTEL



Types of structures
Facade systems
with built-in sliding structures
and separately built-in windows and doors

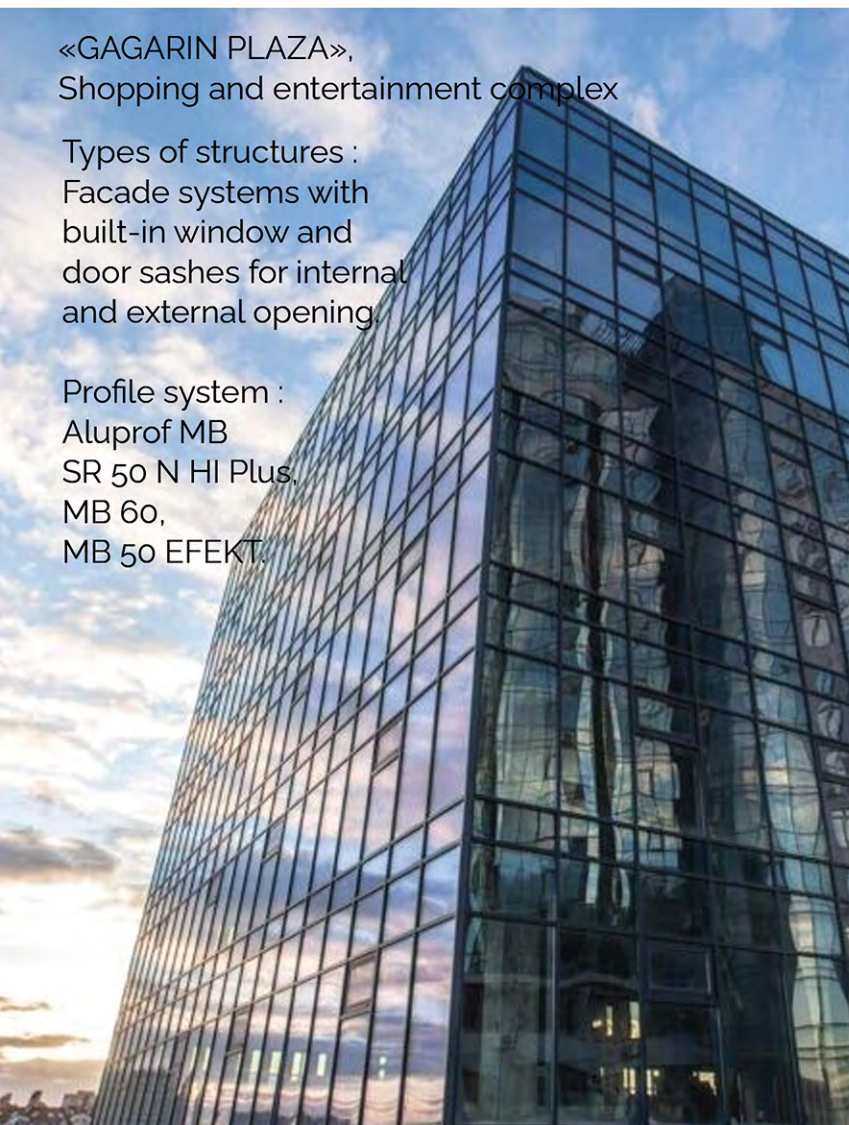
«GAGARIN PLAZA»,
Shopping and entertainment complex



«GAGARIN PLAZA»,
Shopping and entertainment complex

Types of structures :
Facade systems with
built-in window and
door sashes for internal
and external opening

Profile system :
Aluprof MB
SR 50 N HI Plus,
MB 60,
MB 50 EFEKT.



«Hippodrome»
Multifunctional
Residential
Complex



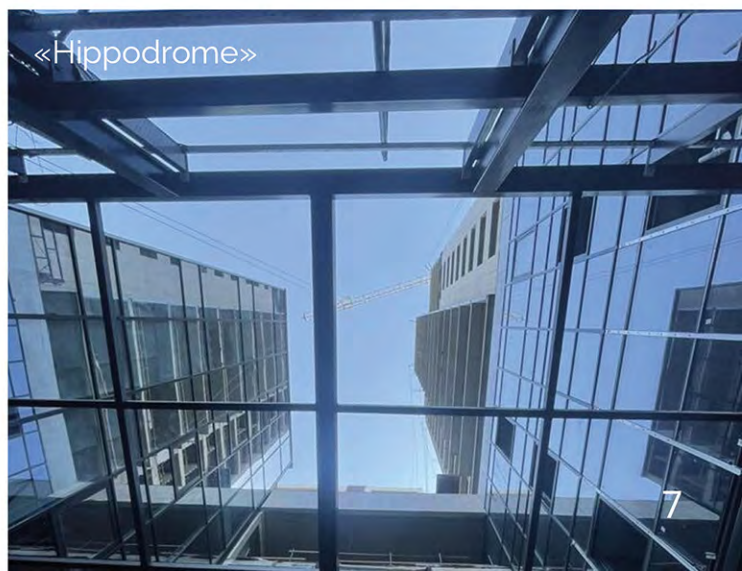
Types of constructions:
Facade systems with
built-in windows, for internal,
doors and automatic sliding structures

Profile system:
Aluprof,
Types of glass, Guardian HP Neutral 50/32
Automatic doors: Gilgen
Accessories: Stublina
Stainless steel fittings Dorma

«Hippodrome»



«Hippodrome»

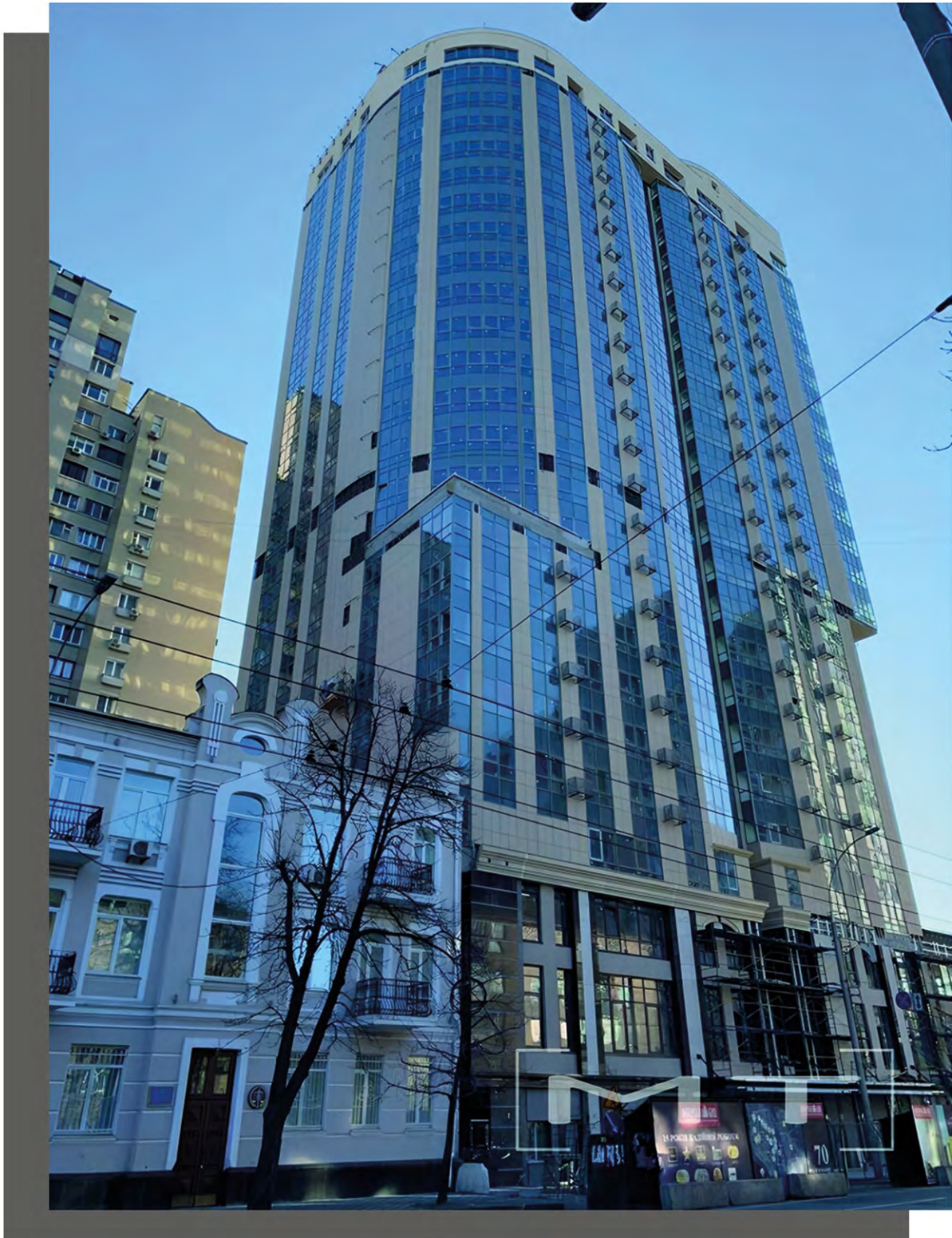


«VladimirSky», Residential complex

Types of construction:

Facade systems with built-in windows, opening inwards.

Profile system: Aluprof



«VladimirSky», Residential complex



Types of structures
Facade systems with integrated
automatic and aluminum doors

Types of profile:
Facade systems
Aluprof MB-SR50N HI+
Window and door system with
thermal insert
Aluprof MB-60

External glazing:
multifunctional
SunGuard HP Silver
43/31

«Main House»,
Residential complex

Aluminum composite panel
ALBOND

Curtain Ventilated Facade
Subsystem

«Autograph»
Residential complex
Facade systems glazing- 3 200 m²



Types of structures : Facade systems with inward opening windows

Hanging ceramic-granite ventilated facade

Profile system: Aluprof

CURTAIN VENTILATED FACADE

A ventilated curtain wall is a complex engineering system that reliably protects the walls of a building from damage. It essentially consists of a false wall on a frame subsystem, which includes a substructure, insulation, a superdiffusion membrane, and external cladding (slabs or sheet materials). It is a complex engineering system, each structural component of which plays an important role in the overall functionality of the curtain wall. The subsystem evenly distributes the load of the facade system, the insulation provides thermal protection for the house and performs sound insulation functions. A moisture-resistant windproof membrane protects the insulation from moisture, and a ventilation gap prevents condensation from accumulating on the back side of the cladding material. Therefore, when designing a facade, it is important to take into account all the features and nuances of the building.

The main materials used in the construction of ventilated facades are stainless steel and aluminum. They have excellent resistance to negative environmental influences, and the facing materials allow you to radically change the appearance of the building, giving it a unique look.



Apart hotel
«HVOYA»



Type of construction:
Curtain-mounted ventilated facade
Facade reinforcement
with porcelain stoneware and
aluminum composite panels.

«DERBY»,
Residential
complex



Curtain ventilated facade:
Profile system KMD VF.





«Aston Hall»,
Residential complex

Curtain ventilated facade
using ceramic lamellas
16000M2.

Material: MOEDING,
compositeAlpolik,
porcelain stoneware Laminam



«MegaRoom»

Shopping and entertainment center

Types of structures:
Facade system with built-in
windows and doors and
a hinged ventilated facade
made of composite.
Profile system: Hoffman.
Automatic Door System:
GILGEN Door Systems



Private
Maternity Hospital



Private
Maternity Hospital

«MegaRoom»

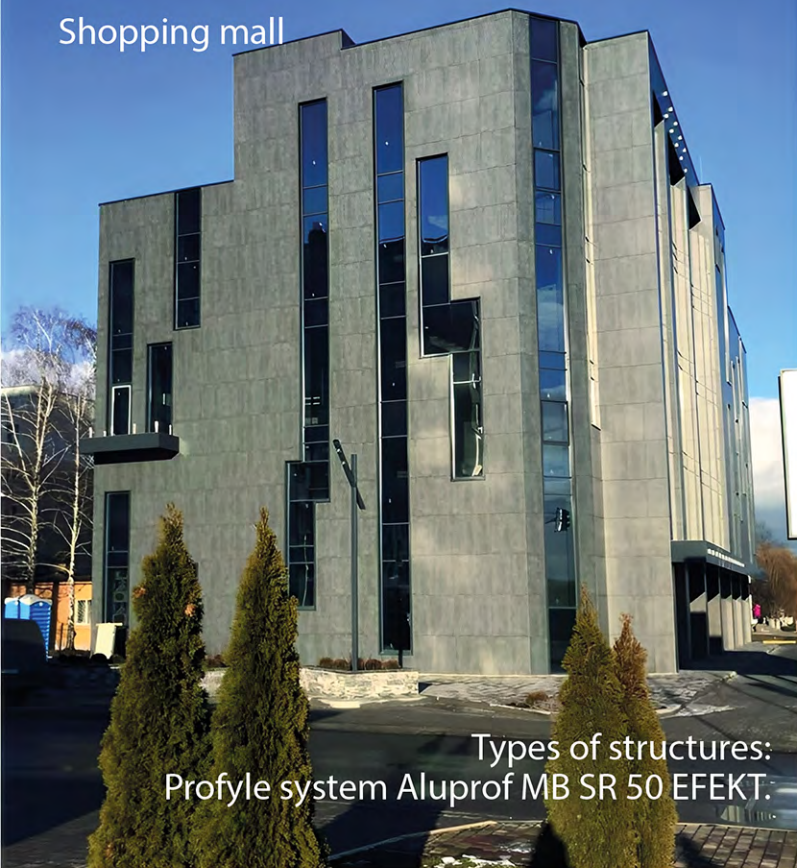
Shopping and entertainment center



Private
Maternity Hospital

Types of Constructions:
Facade system with
inward opening windows

Shopping mall



Types of structures:
Profyle system Aluprof MB SR 50 EFEKT.

Restaurant «IKEDA»



Shopping mall



Curtain ventilated facade:
Profyle system KMDVF,
Adhesive system DowSil.

Restaurant «IKEDA»

Curtain ventilated facade:
2500 m2
Porcelain tiles:
Laminam



Shopping mall

Glazing:
Profyle system ODF





«Autograph»,
Residential complex

Curtain-mounted
ceramic-granite
ventilated facade
4 170 m²

«VladimirSky», Residential complex

Curtain-mounted porcelain tile
ventilated facade 3800 m²

Profile system: Aluprof



ALL-GLASS STRUCTURES

One of the most modern solutions for public and residential premises. Among their distinctive features are large glazing areas, stylish appearance, and practicality. The design features of the absence of posts between the glass panels ensure maximum light transmission. All-glass structures look great in offices, shopping malls, entertainment and wellness centers, as well as in private interiors. They visually enlarge the space, allowing maximum use of natural lighting.

All-glass structures open up wide opportunities for the implementation of design and architectural solutions: the embodiment of ideas using frosted and colored glass, decorative films, the application of logos and images by sandblasting, engraving, and matting. Forming curved and radiused shapes from glass. Use of frameless glass doors: hinged, swing, and sliding. Glass partitions are safe and designed for many years of use.

"Forest Quarter",
12 & 8
Residential complex

Types of structures:
All-glass canopies and
wells
Fastening system:
Cantilever &
cable-stayed type.





Restaurant «YUG»



«Krona Park», 1 & 2.
Residential Complex



«Krona Park», 1 & 2.
Residential Complex

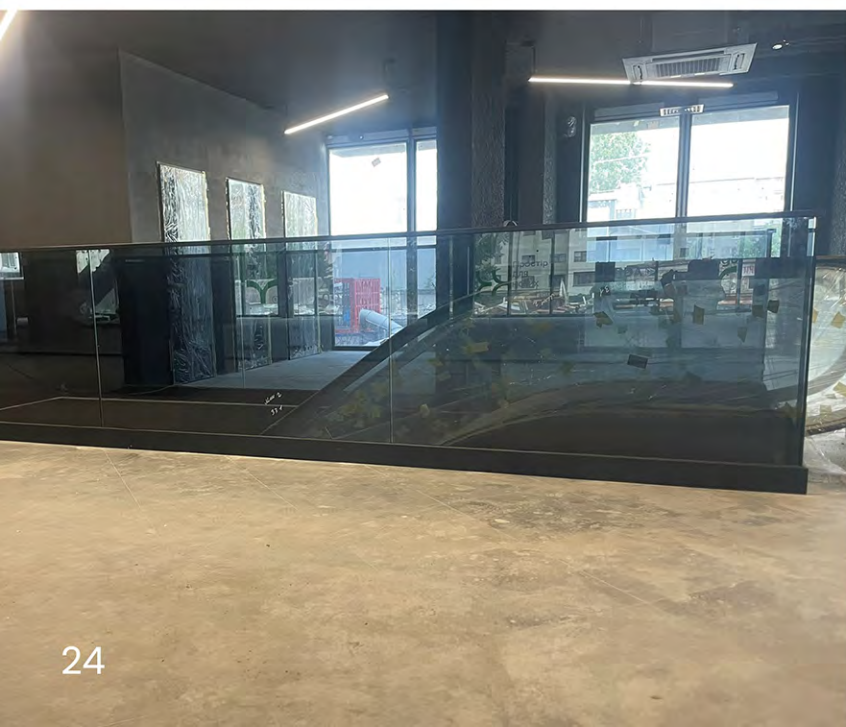
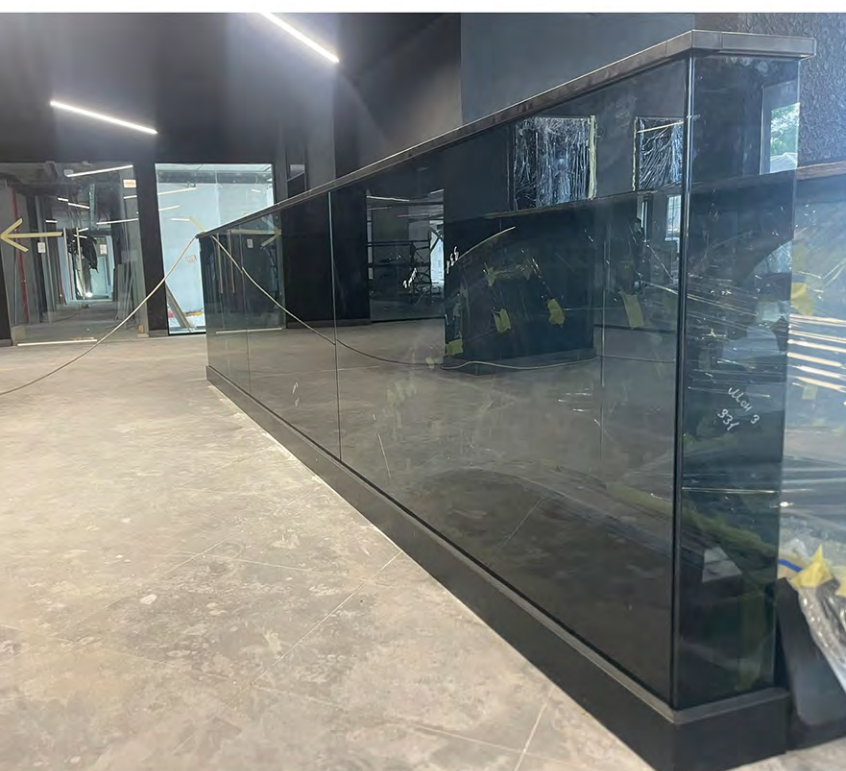


Restaurant «YUG»



ЖК «Krona Park», 1 та 2





Tavel Hotel & SPA



Tavel Hotel & SPA

DESIGN AND SERVICE WORK

Our company provides a range of services for the design of protected translucent structures and ventilated curtain walls. High-quality design work eliminates potential errors and allows us to develop a competent design for further work.

A properly prepared ventilated facade design will lead to quick completion of work, as well as a pleasant and expected result after the completion of installation work.

Also, the structure and mechanism of aluminum products is much more complex than that of PVC, so even the slightest malfunction requires the help of a qualified specialist.

Prevention and timely repair of malfunctions are extremely important measures, the advantages of which are:

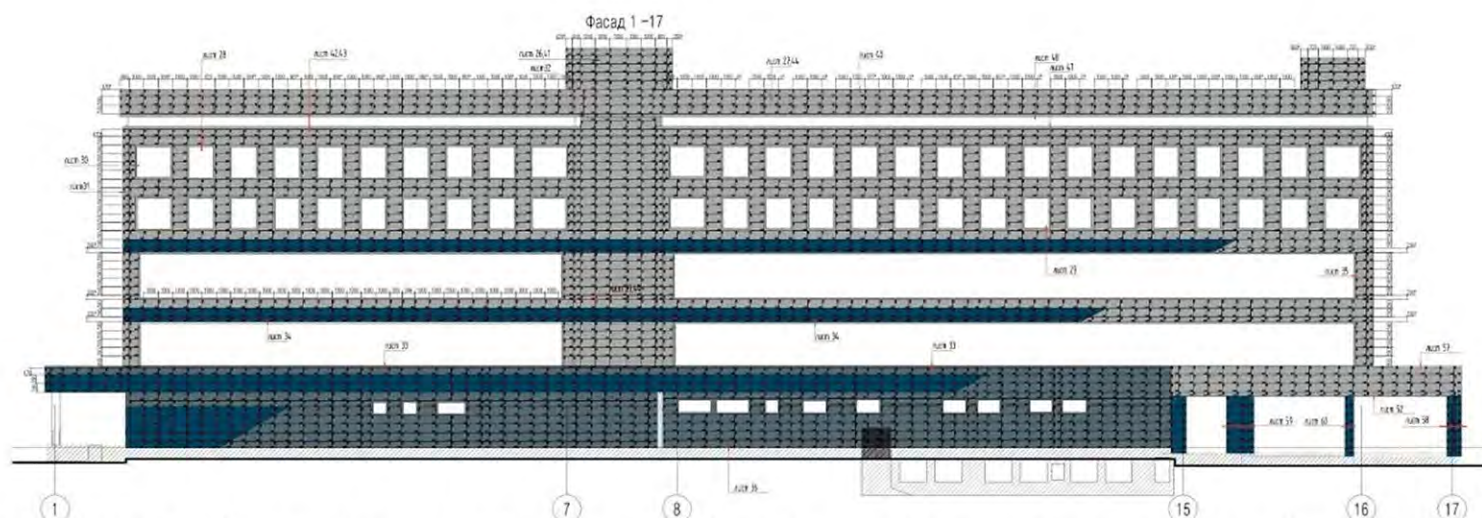
- concluding contracts for ongoing maintenance;
- maintaining the operability and preservation of structures;
- ensuring comfortable control of systems;
- ensuring an adequate level of heat and sound insulation;
- timely repair of malfunctions. Do not put off ordering maintenance services.

This will help you save money and avoid critical breakdowns and expensive repairs.



FACADE DESIGN

The creation of a translucent facade design is a key stage of the work. The design includes calculations of the strength and thermal performance of the future facade. Competently performed calculations will allow the facade to serve for many years, as well as save costs on heating the building in winter and maintaining a comfortable temperature in summer. Each node is worked out in detail and agreed upon with the customer. When designing, we use both standard solutions and innovative developments from our Design Bureau.



The basis of the design is preliminary design work and engineering research, including geodetic surveying, as well as information received from the customer. Thanks to this comprehensive approach, the facades developed by our specialists can withstand prolonged weather loads and are distinguished by their increased reliability.

Our company carefully approaches each stage of the design, which is finally agreed with the customer through 3D visualization, thanks to which it is also possible to experiment with the choice of cladding and its color, as well as with the overall appearance of the building.



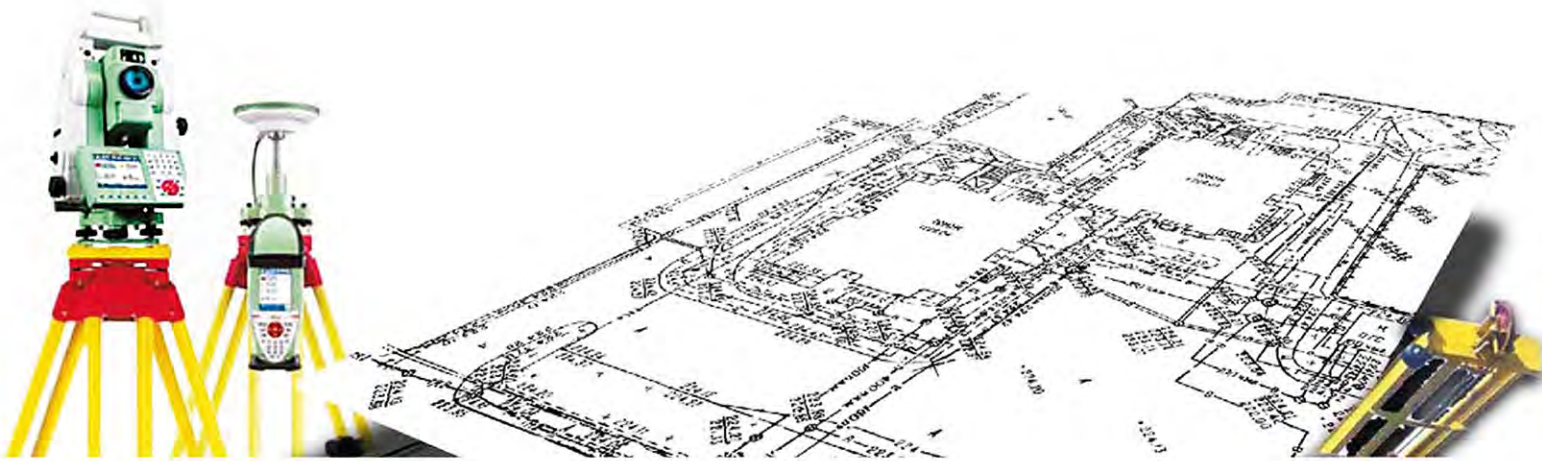
A well-designed project is the basis of the work, allowing for high-quality construction. Even a small error in calculations can lead to major problems during the operation of the building. Correct calculations affect the durability, service life, and maintenance costs of the building.

Therefore, you can confidently entrust the entire range of necessary work to our qualified specialists!

GEODETIC SURVEY

Geodetic facade surveying is a mandatory procedure prior to the installation of a ventilated or translucent facade. It provides accurate measurement of the planned position, determination of the external dimensions of the building and its elevation coordinates.

It is performed for the correct design of the facade, including calculating the necessary building materials and their quantity, i.e., preparing design and estimate documentation.



Its task is to represent the entire building, identify any deviations or deformations, if any, all the features of the facade and walls, and engineering communications. It is also necessary to determine the exact dimensions of the building. Facade surveying is performed using total stations. Then all the data is transferred to a computer. A model of the facade is developed, and then calculations are made using it.

The model takes into account all actual technological openings, i.e., windows, doors, decorative elements, and the curvature of the walls. An important factor is the window openings, their number and shape, and how far the building is from others.



After compiling the technical specifications, the materials from the site are analyzed, and a geodetic base is prepared at the work site. Next, a facade survey of the building is carried out, and the results are transferred to the facade drawings. After that, a report is created for the customer with the facade drawings and the actual volume of the building.

The entire scope of work required is also indicated there. An individual approach is used for each customer.

**TRUST YOUR BUILDING TO
PROFESSIONALS**

ADIGER | ALUMINUM
SYSTEMS



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