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**#allaboutaluminium**



Since 1980, Saray Aluminum has played a major role in building the architectural structures of the future with its pioneering and innovative interior and exterior solutions. Saray Aluminum door, window, facade and handrail systems, aluminum composite panel, PVC door and window systems, shutter systems, machinery, lighting, elevator etc. produces industrial and standard cross-section profiles that the sectors need.

Saray Aluminum, which is among the top 500 companies in Turkey, exports to more than 60 countries all over the world, and receives the Star of Export award every year with its high export figures.

Saray Aluminum, which has CE, ISO 9001, Qualanod, Qualicolat, TS EN 755, TS EN 12020, SEPRO and GOST-R quality certificates, produces in a closed area of 100.000 m<sup>2</sup> in Istanbul Güneşli and Tekirdağ Çerkezköy. Saray Aluminum is a fully integrated company with aluminium anodizing, aluminium electrostatic powder coating, aluminium extrusion, aluminium billet casting, aluminium composite panel, roller shutter and PVC extrusion production facilities.

With the project and R&D units of Saray Aluminum, it provides architectural offices and building investors with special solutions for multi-storey and qualified buildings, providing technical support at all stages from facade design to application. Saray Aluminum plays an important role in building the architectural structures of the future and raising the quality of life with its high-performance innovative products.





1980

## Architectural Aluminium Systems

Window-Door Systems  
Sliding Systems  
Facade Systems  
Composite Panel Structural System  
Ceramic Facade Structural System  
Vertical Clading System  
Cotta Siding System  
Sun Breaking Systems  
Sliding-Folding Glass Systems  
Balustrade-Handrail Systems  
Fence System

## Architectural PVC Systems

Window-Door Systems  
Sliding Systems

## Shutter Roll Systems

Polyurethane Foamed Aluminium Slats  
(39 mm / 55 mm / 77 mm)  
Aluminium Extruded Slats  
(39 mm / 55 mm / 62 mm / 77 mm)

## Composite Panels

Saraybond  
Aluface  
Aluboard

## Industrial Solutions

Extrusion Profiles  
Pre-Processed Profiles  
(twisted, welded, mechanical processed etc)

2023





## Door - Window Systems

Saray Aluminum offers the most ideal solutions in buildings with door-window systems in its product list. The most important criteria in systems is to combine the new generation design understanding with functionality.

With insulated and non-insulated systems with a depth of 50, 55, 60 and 70 mm, window-doors can be made in all opening types desired by the users. The systems are compatible with international accessories thanks to their Eurogrove channel structure. It is compatible with all opening types such as turn, tilt and turn-tilt opening, folding door, parallel sliding, pivot opening etc. in window opening types. In door types, single vent and double vents type modules can be made suitable for intensive use with accessories such as door pump, panic bar, electric lock, etc.

With the thermal and air-water-wind performance tests performed in EN standards, resistance to external weather conditions is documented. With surface treatments in Qualicoat and Qualanod standards, profiles in the desired color and effect give the structures a long life period and aesthetic appearance.

With the various finishing profiles designed in addition to the systems, a perfect union between the walls and the window-door is provided with high quality in every type of building.



You can access the catalogs of our door-window systems with qr code.



<b>EWT 70</b>	Insulated Door - Window Systems
<b>EWT 60</b>	Insulated Door - Window Systems
<b>EWT 55</b>	Insulated Door - Window Systems
<b>S 55</b>	Non-Insulated Door - Window Systems





## Sliding Systems



Saray sliding systems combine the minimum profile viewing with an aesthetic design approach. In systems designed with a new generation design approach, conventional sliders and HBSB sliding systems that move with a lift-and-slide mechanism are among the most ideal solutions for the projects.

It easily finds solutions for large openings with application from single rail version to triple rail version. Thanks to the versions selected depending on the climatic conditions and customer requests, the desired panoramic view in the spaces is provided uninterruptedly.

Maximum safety comes from multi-point locking on the vents, which work in harmony with international mechanisms. With the thermal and air-water-wind performance tests performed in EN standards, resistance to external weather conditions is documented.

With surface treatments in Qualicoat and Qualanod standards, profiles in the desired color and effect give the structures a long life period and aesthetic appearance.

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You can access the catalogs of our sliding systems with qr code.



<b>SSI 128</b>	Insulated HBSB Sliding Systems
<b>HSS 100</b>	Insulated Hibrit Sliding Systems
<b>ST 91</b>	Insulated Sliding Systems
<b>SNT 91</b>	Non-Insulated Sliding Systems
<b>SSI 68</b>	Insulated Sliding Systems
<b>SS 68</b>	Non-Insulated Sliding Systems







## Facade Systems

Saray façade systems are among the most desired building elements of the projects with the clapped, semi-clapped and structural silicone viewing versions that can meet the architectural requirements at the maximum level.

Saray has a large die archive with the details and solutions. It has developed for projects for years, offers designers unlimited facade alternatives. With systems aiming minimum profile view and maximum panoramic view, high insulation and energy conservation are provided to the buildings.

Facade systems, which work in harmony with other Saray systems, offer solutions to all types of buildings with their main transom-mullion profiles designed according to different inertia values. Facade systems that provide air-water-wind resistance with high thermal value also provide high resistance against earthquake loads.

Maximum safety comes from multi-point locking on the vents, which work in harmony with international mechanisms.

With the thermal and air-water-wind performance tests performed in EN standards, resistance to external weather conditions is documented.

With surface treatments in Qualicoat and Qualanod standards, profiles in the desired color and effect give the structures a long life period and aesthetic appearance.



You can access the catalogs of our facade systems with qr code.



<b>EF 50</b>	Curtain Wall Systems
<b>SG 50 K</b>	Curtain Wall Systems
<b>SG 65</b>	Steel Reinforced Curtain Wall Systems
<b>SS 60</b>	Skylight Systems



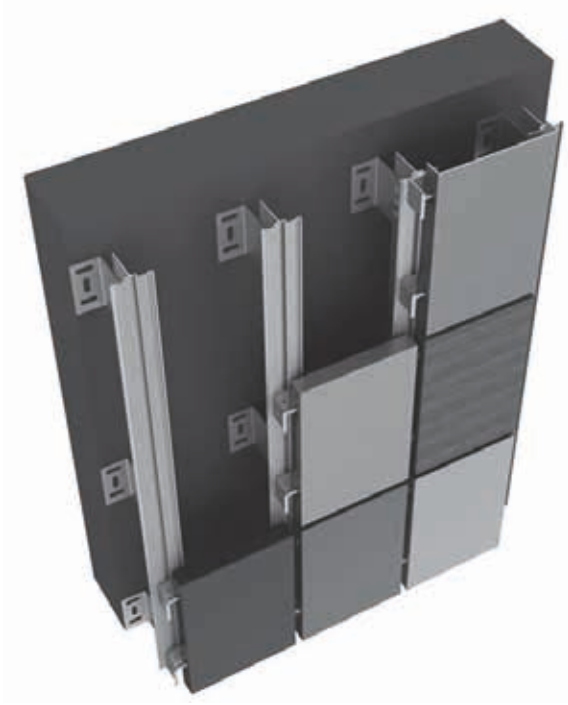


## Other Systems

In addition to the door-window, sliding and façade systems of the Saray, it is aimed to meet all the requirements of the buildings with the series called complementary other systems.

With the cotta, vertical and composite-ceramic facade systems, which are complementary systems, it is aimed to provide a more aesthetic appearance on the outer shell of the buildings, while it is aimed to be used more functionally with systems such as balustrades, handrails, glass balconies, etc.

SL 300 sun breaking system for light control of buildings, SVC vertical cladding and SC72 aluminum cotta systems used in covering wall surfaces as aesthetic and insulation are some examples of these systems.



You can access the catalogs of our other systems with qr code.



- SK 54** Composite Panel Structure Systems
- SS 54** Ceramic Facade Structure Systems
- SVC** Vertical Cladding Systems
- SC 72** Cotta Siding System
- SL 300** Sun Breaking Systems
- SF 100** Fence Systems
- Sliding - Folding Glass Systems
- Balustrade Handrail Systems

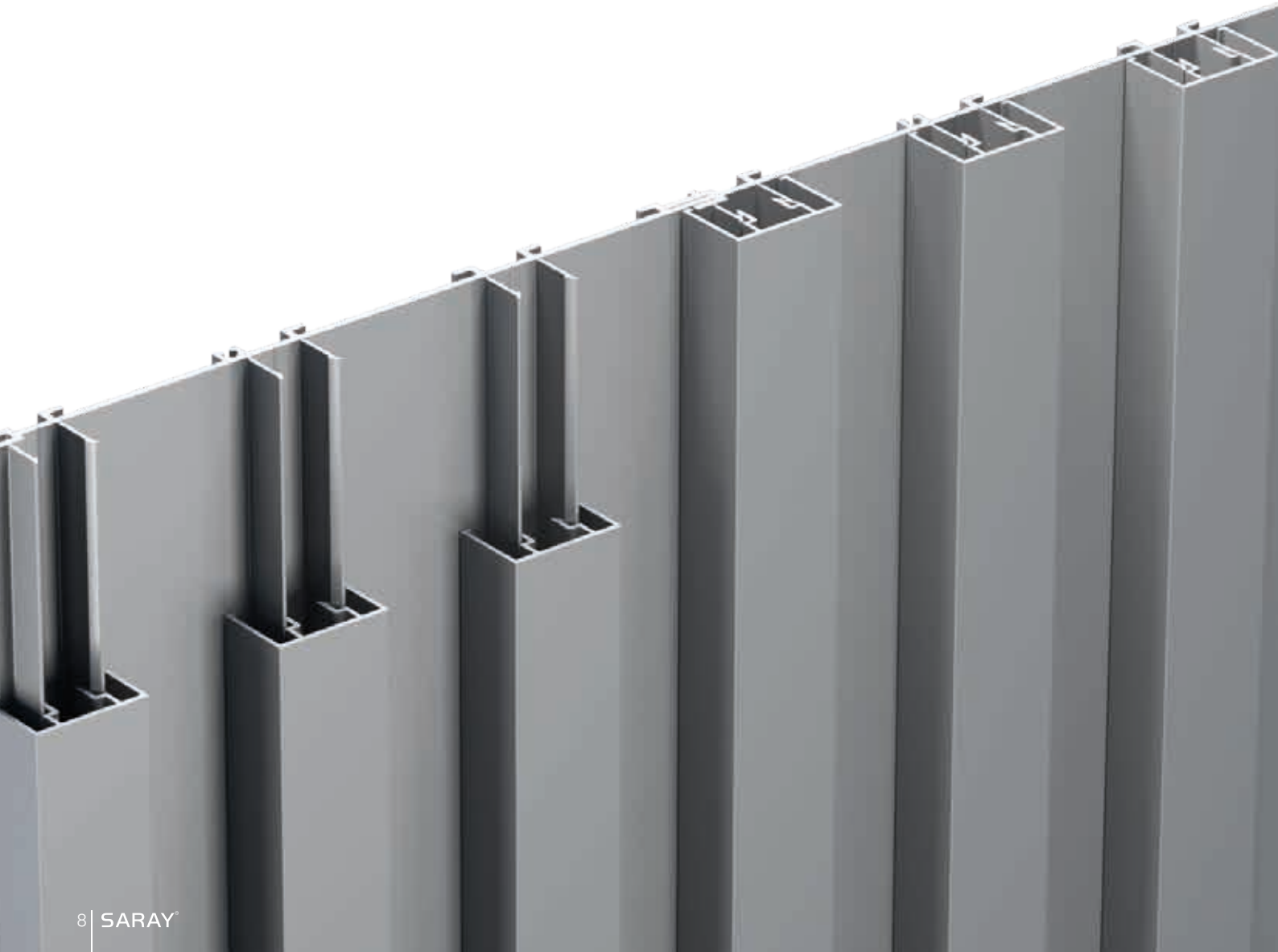


## Saray Vertical System

Thanks to the system, which can also be used in existing structures along with new structures, it is ensured that the facade gets air on the surfaces where the application is made.

Innovative appearance is provided on the facades with cover profiles in different designs and sizes. It can be used together with all other architectural aluminum system solutions of Saray. The application can be made easily and quickly. It gives a different appearance to the facades thanks to painting in the desired RAL colors, anodizing surface treatment and, alternatively, wood effect color options. With the system that allows the use of Decking profiles of different sizes together, independent designs can be created on the facades. Thanks to its different color and texture alternatives, it leads architects in creating the style facade design they want in buildings.

Sustainable facades and structures are brought into use with recyclable aluminum profiles. A rich appearance is provided to the structures with SARAY VERTICAL CLADDING.





## Saray Fence Systems

Users are provided with safe areas in all areas where privacy and protection are required, except for buildings with Saray fence systems. The system, which is demanded especially for areas such as garden and pool surroundings, has been designed according to architectural requirements. System is preferred by users with its easy installation, low maintenance and robust structure.

The fence system is designed for two different types and different usage areas with 100 x 100 mm and 85 x 45mm main carrier profiles. Horizontal profiles of the system can be made in height between 120 cm and 180 cm. Horizontal profiles also can be optionally mounted from inside, outside or between vertical carrier profiles. All screws can be hidden in the system and it has special profiles for different corner turning types.

It also allows you to apply it in all RAL colors or painted with special color effects such as wood, concrete.



## Saray Cotta System

It is a facade cladding system consisting of aluminum extrusion profiles. It can be used in spandrel and parapet and blind façade areas on both interior and exterior facades of all types of buildings; They are stylish and luxuriously designed aluminum profiles that can be produced anodized or electrostatic painted in accordance with Qualicoat and Qualanod specifications.

Aluminum Siding System profiles have their own lower aluminum construction details. It can be used with all kinds of thermal insulation boards (EPS, XPS, Rock wool, Glass wool).





## Industrial Solutions

With more than 40 years of experience, SARAY Aluminum provides aluminum profile production to its customers in the industrial field thanks to its integrated facility.

SARAY operates in the heating-coating, automotive and automotive supply industry, defense industry, aviation industry, railway, lighting, shipyard and shipyard equipment sectors through the agency of billet casting facility, mold production facility, extrusion lines, surface treatment facilities and mechanical processing lines.







## Superior Performance Aluminum Composite Panels



### Aluminium Composite Panel

Aluminum composite panels, which stand out with their lightness, aesthetic appearance, fast and easy assembly, high sound and heat insulation, and a wide variety of color features, consist of the combination of two aluminum sheets and a low-density polyethylene filler between them.

Saray Aluminium composite panels are produced in three types as standard panel, B1 Fire Resistant panel and A2 Fireproof panel, which are used extensively in the advertising industry. It shows a superior performance with the PVDF paint applied to its surface and offers a 20-year outdoor warranty. The annual total capacity of our two composite panel lines, which we produce from sheets in the thickness range of 0.20, 0.35 and 0.50 mm and with a width of 1,250 and 1,500 mm, has reached 3,500,000 m<sup>2</sup>.

We respond to customer expectations at the highest level with the understanding of Quality Management, Certificates of TSE and International Laboratories. We focus on the needs of the future, the environment, our business and people with sustainability certificates such as environmental product declaration (EPD), LEED, BREEAM, DGNB and ÇEBDİK.



### PVC Window Systems

We prioritize the health of users with door and window systems consisting of high quality profiles made of lead-free formula. It adds aesthetics and value to your buildings thanks to the sophisticated profile design of our window systems, which provide a variety of images with multi-option foil coating alternatives. Saray produces 20,000 tons of PVC profiles per year with the Selective series and other unique systems, which provide superior performance in all climatic conditions and have the highest performance values in the field with their air, water, wind and heat insulation coefficient.



**PVC Profile Manufacture  
20.000 Tonnes/Year**







**Production Capacity of  
16.000.000 m<sup>2</sup>/ Year**



### **Roller Shutter**

One of the elements used in buildings to protect from the sun and to minimize sound and heat transfer is the shutter system.

Offering a wide range of products from a single source with high performance aluminum and extruded lamellas, auxiliary aluminum roller profiles, accessories and motors, SARAYROLL Shutter and Pull-Down Shutter systems serve with a capacity of 16.000.000 m<sup>2</sup> per year.

since

1980

[www.saray.com](http://www.saray.com)

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