



STP GROUP OF COMPANIES

ALUMINIUM

PROFILES AND BILLETS

www.stp.az

STP GROUP OF COMPANIES

COMPREHENSIVE
SOLUTIONS
FOR INDUSTRY



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GENERAL INFORMATION

The STP Group of Companies' **Aluminium Plant** specializes in the production of versatile aluminium profiles for the construction sector and industrial applications. These profiles are used in door and window systems, furniture and facade structures, as well as a wide range of engineering and architectural solutions. The plant's aluminium extrusion press lines have an annual production capacity of **4,500 tonnes** of profiles, while its powder coating lines can coat up to **2,880 tonnes** of aluminium profiles per year.

The plant produces aluminium profiles using extrusion technology in a wide range of sizes, shapes, and technical configurations. The raw materials are processed at the plant's own aluminium smelting and billet casting facilities, making the STP Group of Companies one of the few manufacturers in the region with a fully integrated production chain.

To ensure process control and operational efficiency, qualified specialists trained at advanced technology centers such as **"HANKELL Rus"** (Russia) and **"TAISS"** (Italy) are employed.

These factors enable STP to maintain sustainability, precision, and flexibility in aluminum profile production.



PRODUCTION CAPACITY

ALUMINUM PROFILES PRODUCTION CAPACITY:

4 500 tons annually

ALUMINUM BILLETS PRODUCTION CAPACITY:

30 000 tons annually

POWDER COATING PRODUCTION CAPACITY:

2 880 tons annually



AREAS OF ACTIVITY:

SMELTING
EXTRUSION
POWDER COATING
TECHNICAL GASES



SECTORS:

OIL AND GAS
CONSTRUCTION



EXPORT

- KAZAKHSTAN
- SERBIA
- TURKIYE
- POLAND
- AUSTRIA
- CZECHIA
- CANADA
- ISRAEL



EQUIPMENTS

“HANKELL RUS” – RUSSIA
“TAISS” – ITALY
“BOTERSAN” – TÜRKİYE
“SMS” – GERMANY
“WAGSTAFF” – USA





OUR STRENGTHS AND ADVANTAGES

PRODUCTION OF ALUMINUM BILLETS AND PROFILES

The facility employs specialists trained at companies with expertise in the field. In the aluminum smelting and pre-production zone, raw materials are smelted and sent to the profile production area. The furnaces have an **annual capacity of 30,000 tons**.

The Aluminum Profiles Plant produces aluminum billets (**A6005, A6060, A6061, A6063, A6082, AD31, AD33**) with diameters of 152 mm, 178 mm, 203 mm, and 254 mm, and lengths of 6–7 meters. The plant also produces aluminum profiles in hot and cold conditions, door and window systems, aluminum busbars of various sizes for high-voltage substations and cabinets, standard profiles, as well as custom profiles according to customer specifications.

The coating is sprayed onto the profiles using a spraying system and then conveyed through a 40-meter-long polymerization oven. The paint thickness is measured and checked for compliance with **ГОСТ 22233-2018** and **9.410-88 standards**.

COATING PRODUCTION CAPACITY:

9.6 tons / day, 240 tons / month, 2,880 tons/year.

Fields of application:

MECHANICAL ENGINEERING

SHIPBUILDING

CONSTRUCTION

FURNITURE MANUFACTURING



The share of local
production in raw
material
procurement is

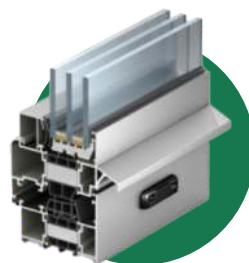
18%



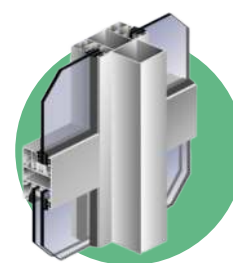
PRODUCTS AND SERVICES

ALUMINUM BILLETS (up to 6 meters in length, diameters 152 mm, 178 mm, 203 mm, and 254 mm)

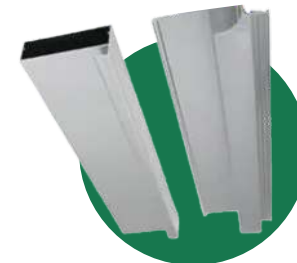
ALUMINUM PROFILES, painted or unpainted, are available according to any design. Sizes range from 25 mm to 280 mm in width, with lengths up to 6.8 meters. Powder coating services are offered in any RAL code.



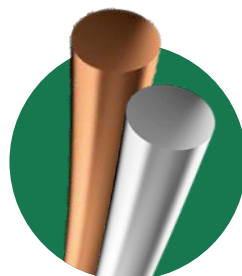
Window systems



Facade profiles



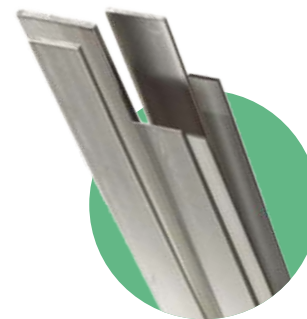
Hot and cold series
profiles



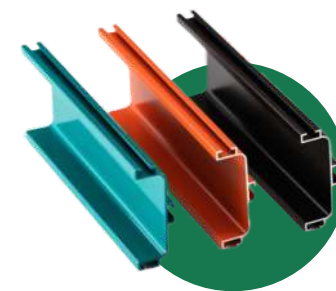
Electrical
Wire Rod



Aluminium
billets



Aluminium electrical
busbars



Powder coating
service



QUALITY CONTROL LABORATORY

The technical parameters and quality compliance of products are strictly controlled at all stages through modern laboratory equipment operating in the production area of STP Group of Companies.

Each profile is tested before and after production for durability, dimensional accuracy, and compliance with standards.

Consequently, the products delivered to customers are validated by official certificates that comply with **INTERNATIONAL QUALITY** requirements.

At STP, we provide full assurance of the quality and reliability of each product we produce.



IT IS
RESISTANT TO
WIND, HEAT,
AND COLD.





CONTACT US



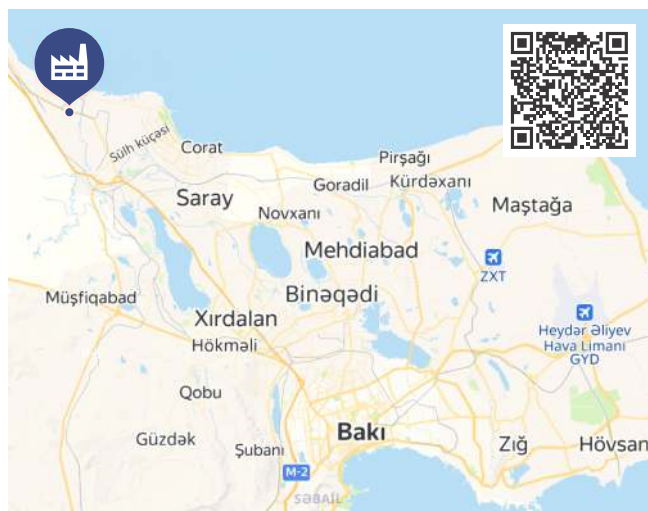
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Sumgait, Azerbaijan AZ5022



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STP collaborates with companies across various sectors through its industry-compliant production capabilities and quality-driven approach.

Our technologically advanced equipment and adaptable production infrastructure empower us to offer partners high-quality, functional solutions.

Our proven systems and skilled specialists ensure that every partnership is built on a reliable and trustworthy basis.

If stability and functionality are your priorities in manufacturing, partnering with STP may be the right choice.

It is
**a light material
with high rigidity
and durability**

