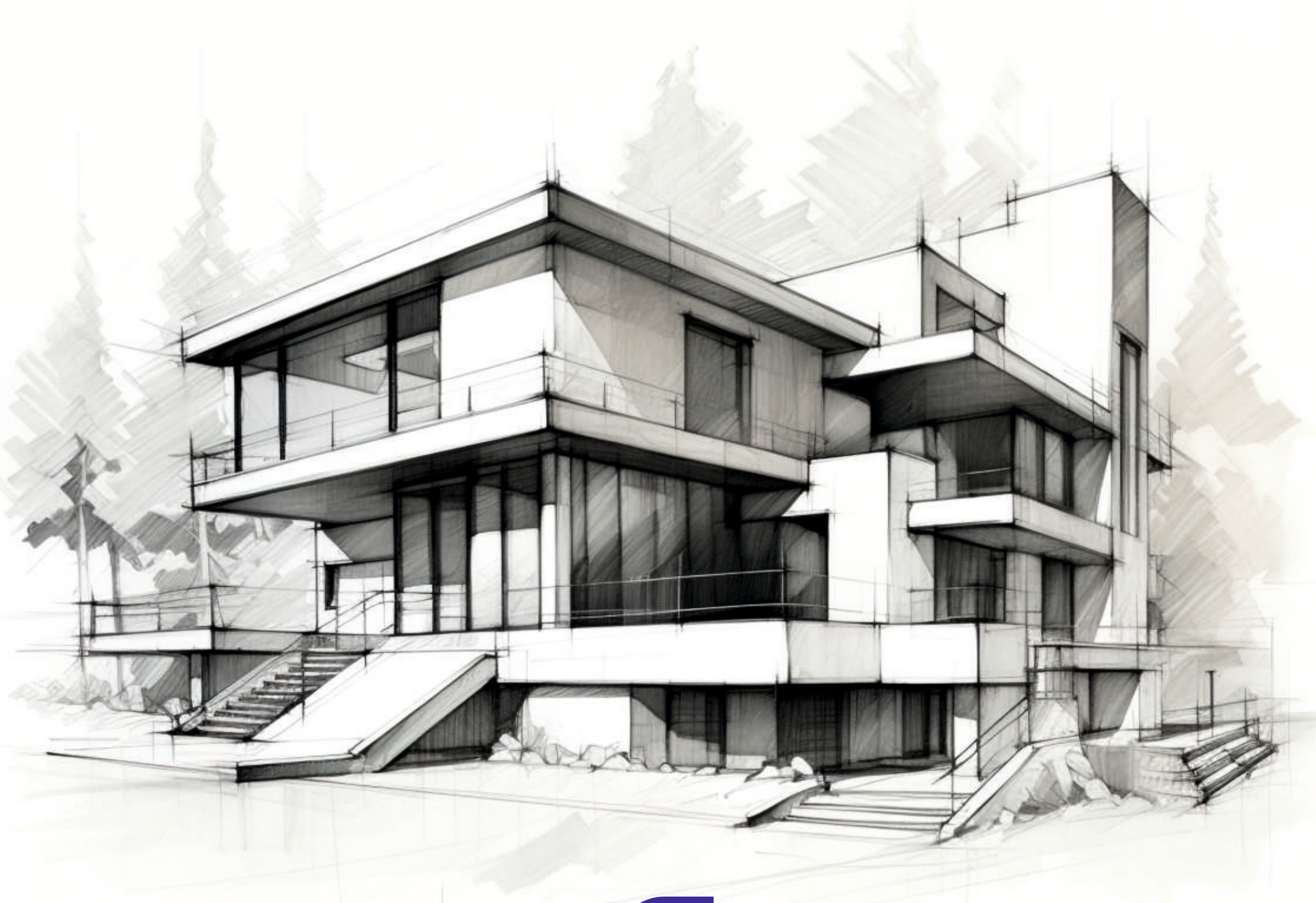




ÜZKON
ÇELİK

Light Steel Structure Systems

Founded in 1998 by EMRAH KONUKSEVEN (Civil Engineer), **ÖZKON YAPI** continued its activities project-contracting and sales of construction materials. Over the years, it has expanded its activities in many titles such as projects, construction, interior decoration, and sales of fine structure materials in the construction sector. Our company, which continues its services in the construction sector within the understanding of Total Quality, has carried out more than 100 official superstructure building constructions, more than 1000 official and private building renovations and more than 300 residential and workplace constructions since its establishment.

In 2007, **ÖZKON ÇELİK**, our second group company, was established and it continues its activities in a total of **4750 m² closed and 16.500 m² open area** together with our **LIGHT STEEL** production center. In addition to light steel construction production, it also serves in alternative structural steel fields with its specialised staff.

Our companies and employees, who always strive to look ahead and operate with the principle and vision of being more advanced than they were before, are working with the aim of providing honest, principled service. They are committed to working with full dedication to remain top of mind.

ÖZKON ÇELİK has developed itself in the fields of **LIGHT STEEL** and **INDUSTRIAL STEEL STRUCTURES** by using error-free production technologies with its experience and quality production understanding and desire to become a notable brand in its sector with its vision of continuous change and development within the principle of continuity.



Our Production Facilities



1.750 m2 of Closed Area
8.250 m2 of Open Area



3.000 m2 of Closed Area
8.250 m2 of Open Area





Smart Display
Technology

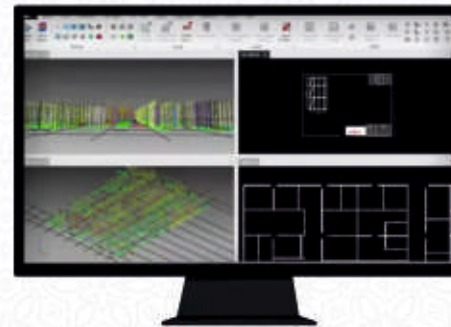
Production in
World Norms

Defect-free
Production
Technology

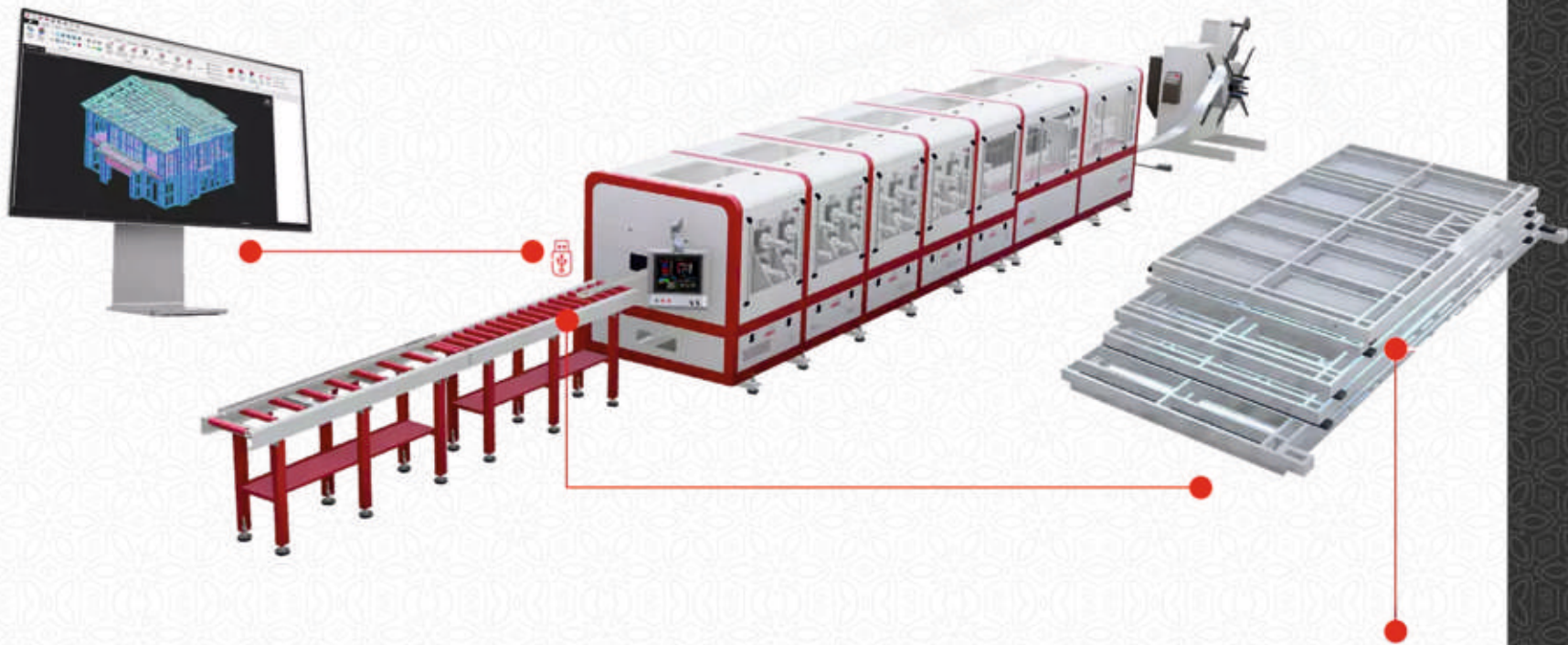
Production
up to
1.6 mm sheet
thickness

90 mm
140 mm
Profile
Sections

With the most comprehensive, functional, and result-oriented design software developed for the design and detailing of light steel structures, all building panels can be created, detailed, and designed according to the architectural plan created in the software or imported into the software.



Production



The projects designed by our Professional Engineers are uploaded to a smart screen equipped with the latest software. After the necessary controls, profiles are produced on the Light Steel Profile Line.

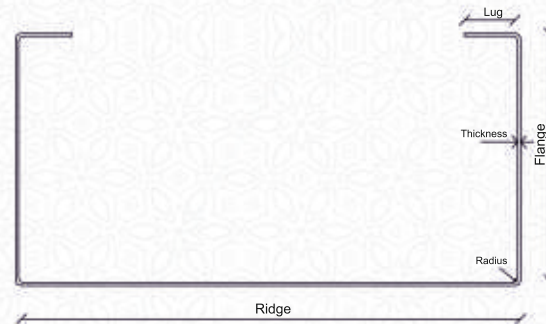
The profiles are numbered, assembled, packaged, and placed on site.



Profiles



Ridge	90mm
Flange	41mm-51mm
Lug	0-10mm
Thickness	0.75mm-1.2mm
Radius	1.6mm



Ridge	140mm
Flange	41mm-51mm
Lug	0-10mm
Thickness	0.75mm-1.2mm
Radius	1.6mm

Standard Process Stations



Cutting



Notching



Air Screw
Riveting



Corner
Rounding



Plumbing
Hole



Back Bolt
Index 2



Lug
Cutting



Cornering



Production



With Unlimited Designs Made of Steel
New Living Areas



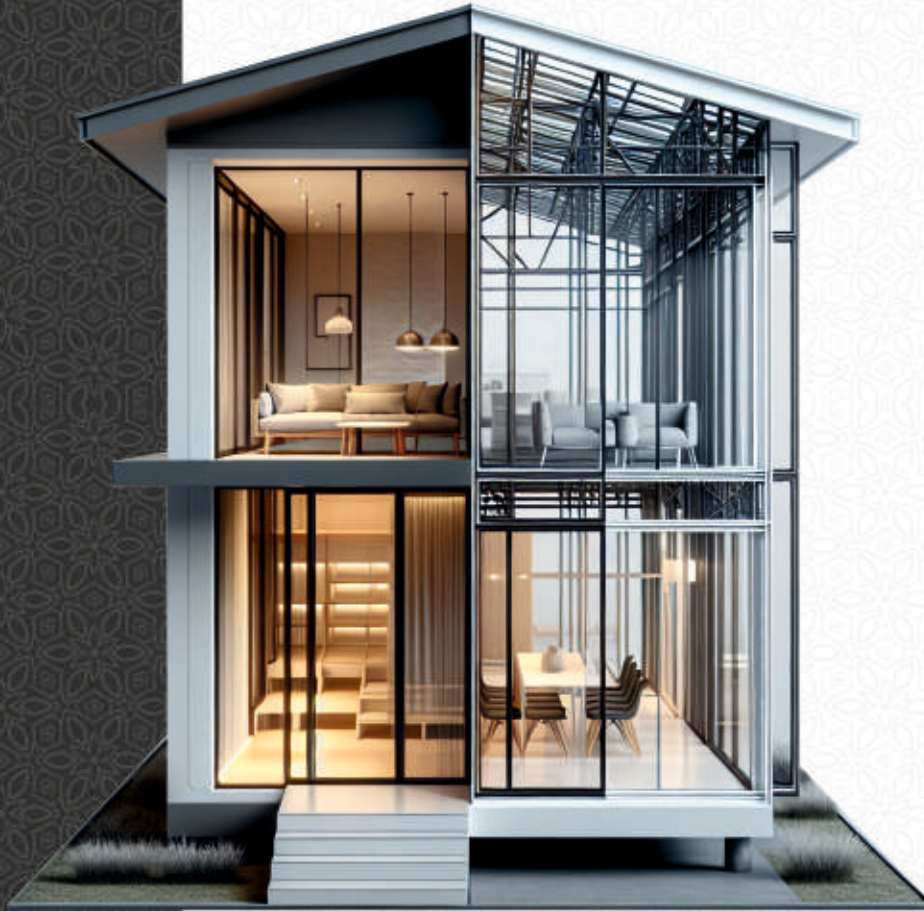
Why Light Steel Structure?

Low Material Cost

Light steel structures provide advantageous of less use of raw materials compared to conventional building materials. Reducing material costs and minimizing transportation and storage expenses. The fact that steel is a recyclable construction combines environmental sustainability and cost-effectiveness.

Fast Construction Times

The production of light steel structures with prefabrication technology significantly shortens the time spent on the construction site. Short construction periods allow for reduced labor costs and faster project completion. This provides economic benefits for investors.



Less Labor Requirement

Light steel structures require less force with modular design and ease of assembly. Compared to traditional construction methods, it can be built faster and more efficiently with fewer workers. This provides significant savings in construction costs.

Long Life and Durability

Light steel structures lower maintenance costs thanks to their long-lasting and durable construction. The corrosion and insect resistance of steel minimises maintenance and durability of construction repair requirements in the long term, which reduces the total cost of benefits.

Air Tightness

Light steel structures show superior performance in air tightness, this prevents unwanted airflow and minimises energy loss.



Why Light Steel Structure?



Energy Efficiency

Light steel structures also offer significant advantages in terms of energy efficiency. Well-insulated light steel structural elements minimise heat loss, resulting in energy savings. Reduces heating and cooling costs.

High Strength to Weight Ratio

Light steel structures are capable of carrying large loads with a high strength-to-weight ratio. This provides extra usable space thanks to walls that occupy less space. Additionally this feature makes light steel structures ideal for seismic zones.

Design Flexibility

Light steel offers great design flexibility for architects and engineers. Its ability to support complex building forms and large spans offers unlimited possibilities for creating aesthetic and functional solutions. This provides unlimited design advantages in both commercial and residential projects.

Sustainability and Environmental Impact

The recyclability of steel makes light steel structures an environmentally friendly option. This sustainability provides economic benefits to project owners while fulfilling their environmental responsibilities.

High Thermal Insulation

Light steel structures can be easily integrated with materials that offers high thermal insulation properties. This ensures a more comfortable temperature indoors and reduces heating/cooling costs.

Fire Safety

Cold-formed steel can maintain its structural integrity for a long time during a fire. This ensures that buildings are less damaged after fire and repair costs are reduced.

Building Type Comparison	Reinforced Concrete Structure	Steel Structure
Earthquake Resistance	5-9 Mw (Varies According to Countries.)	9 Mw
Recyclability Rate	% 60 >	% 90 >
Construction Time	180 Days (6 Months)	60 Days (2 Months)
Life of the Structure	30-40 Years	80-180 Years

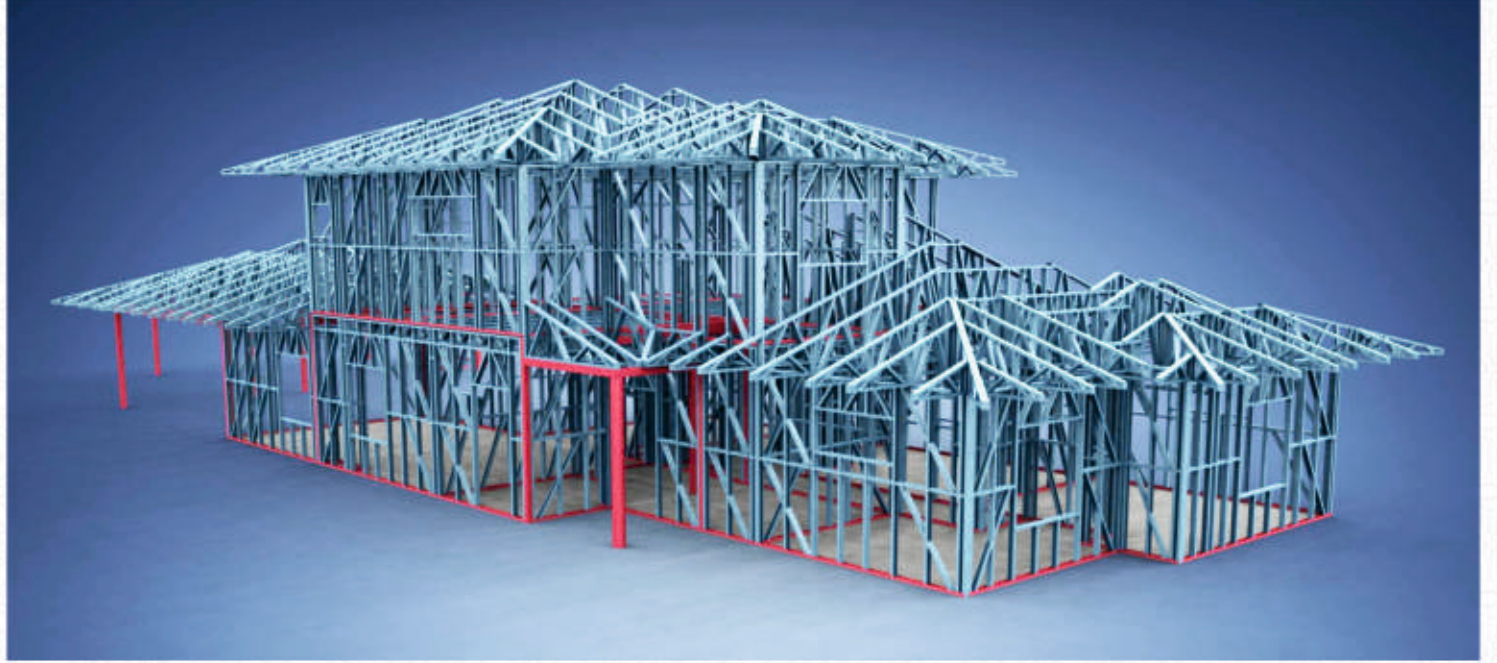




Light Steel Houses



Light Steel Usage Areas



Housing

Low-Rise Villas
Medium Height Housing
Disaster Housing
Public Housing
Modular Houses

Corporate Buildings

Schools
Health Centres
Hospitals
Polyclinics
Military Barracks and Auxiliary Buildings

Commercial Buildings

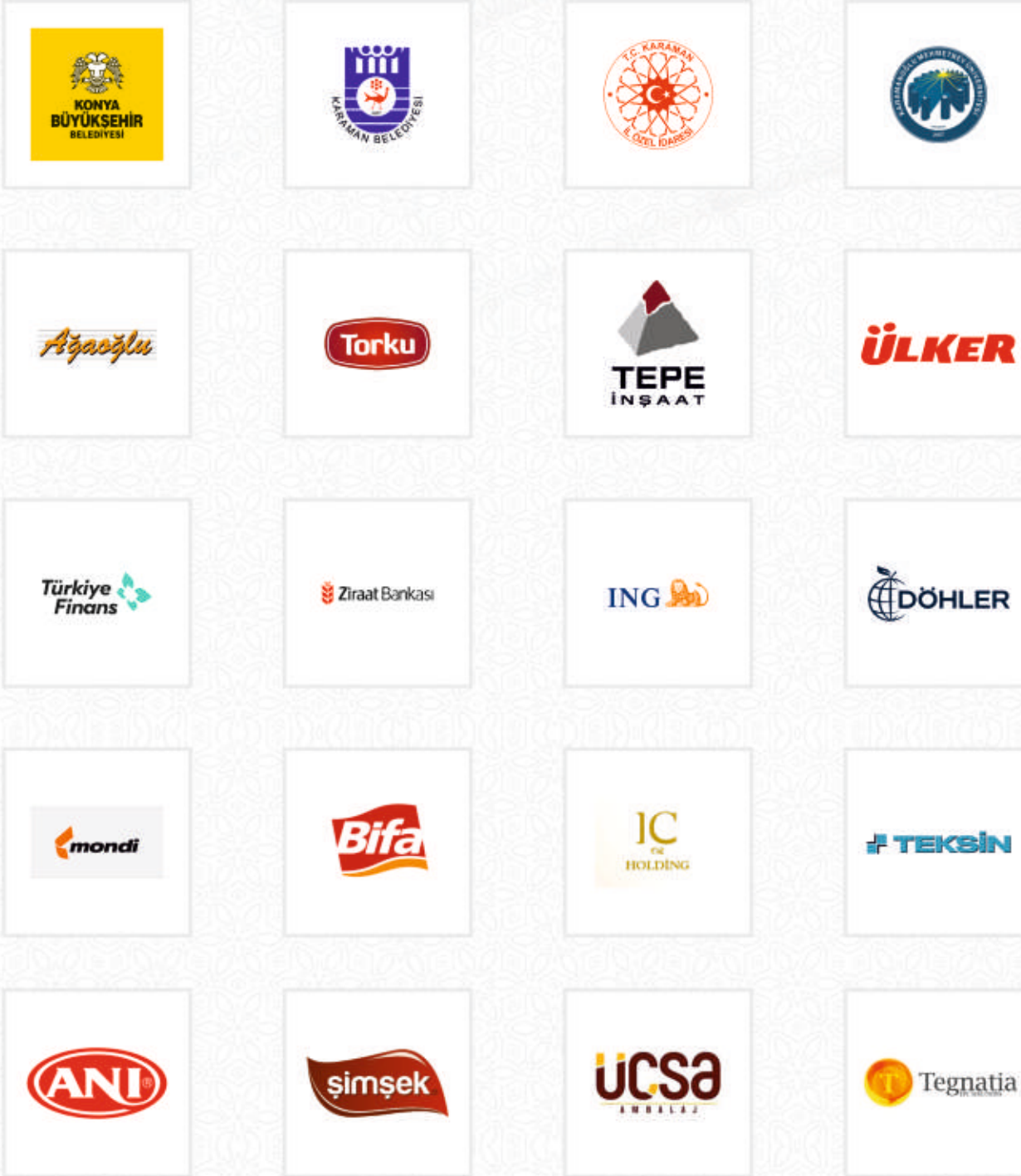
Company Headquarters
Construction Site Buildings
Worker Shelters
Retail Sales Centre
ATM Booths
Warehouses
Hotel / Resort / Bungalow

Special Applications

Custom Designed According to Customer Needs
Integrated Buildings
Partition Wall Systems



Some of Our References



Our Certificates



ICC
Certificate



EN 1090-1
Certificate



EN ISO 3834-2
Certificate



ISO 9001
Certificate



Our Certificates

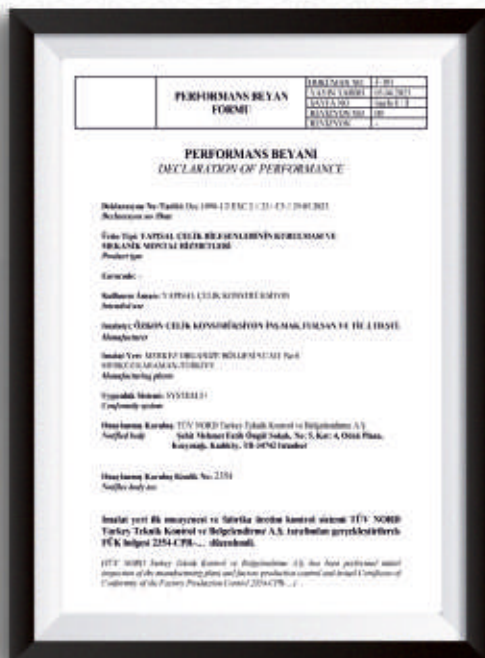
CE
Label



Quality
Management
System
Audit
Report



Performance
Statement



Welder Test
Certificates





Steel Construction



Steel construction is a steel building system with large spans and heights, where all load-bearing systems are made of steel, especially preferred in geographical areas threatened by earthquakes, and mostly preferred in steel construction factory buildings, steel construction hangars, steel construction sports facilities, steel construction warehouses and steel construction workshops.

Steel structures have superior functional properties, static capabilities and ease of application compared to other carrier systems. Our company offers provides steel construction project design, production, mounting service of welded and bolted system services in high-rise buildings, large span warehouses, and hangars.





Steel Construction



Further than Yesterday



Özkon Çelik Konstrüksiyon İnşaat
Makina Turizm San. ve Tic. Ltd. Şti.

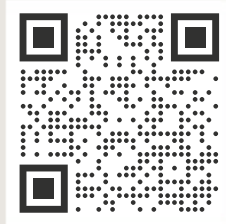
Instagram icon ozkoncelik

Facebook icon celikozkon

X icon ozkoncelik

Email icon export@ozkongrup.com

Website icon celik.ozkonyapi.com



Phone icon +9 0338 224 10 44
+9 0541 548 70 70

Location pin icon HEADQUARTERS:
OSB 9.Str. No:8
70200 / Karaman / Türkiye

Location pin icon BRANCH:
OSB 28.Str. No:10
70200 / Karaman / Türkiye