



NEX STEEL GROUP

New Era of Excellence

NEX Steel Group: The Art of Modern Architecture

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ABOUT US

NEX Steel Group: Expert in Industrial Steel Construction in Türkiye

The foundation of NEX Steel Group is built upon years of extensive experience in Türkiye's industrial construction sector. We bring projects of all scales to life—ranging from heavy industrial steel structures to modern Light Gauge Steel (LGS), and from aircraft hangars to hybrid steel systems—ensuring superior quality, speed, and reliability. Our production infrastructure is fully equipped for high-capacity manufacturing, allowing us to execute even the most complex industrial challenges with high precision.

NX-602

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86 m²



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NX-604

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113 m²





NEX Steel Group: World-Class Steel Engineering

We don't just build structures; we create a solid foundation for your business and your life. By utilizing advanced technologies in light and heavy steel construction, we ensure the durability, seismic resistance, and aesthetic excellence of every project. Our commitment to quality—both in Türkiye and beyond—is the guarantee of reliability for your future.

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NX-601

82 m²



NEX

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NX-603

113 m²



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NX-605

118 m²



WHAT IS A LIGHT GAUGE STEEL BUILDING?

A Light Gauge Steel (LGS) system is a construction method where the framing elements (walls, floors) act as load-bearing structures, manufactured through the cold-forming of galvanized steel. These structural components, produced in a controlled factory environment using advanced CNC machinery, are delivered to the construction site in a protected state and assembled on-site.

The primary advantage of this technology is its high precision compared to traditional construction methods. Since the system is pre-fabricated, orders for windows, doors, and other project equipment can be placed even while the frame is still in production.

Steel buildings are designed in accordance with permanent construction standards, similar to reinforced concrete structures. Calculations are based on projected load requirements. Furthermore, due to their significantly lower weight compared to concrete, steel buildings are subjected to much lower seismic loads. This substantially increases their earthquake resistance in comparison to reinforced concrete structures.

Steel systems are applicable for buildings of any purpose. There are numerous examples of successfully operated steel structures: residential homes, schools, hospitals, warehouses, dormitories, hotels, and many other types of buildings.

These buildings easily meet the required economic lifespan and can be operated much longer. Aging tests on the steel used have shown that it maintains its stability for up to 180 years. Additionally, because all sections are enclosed, the service life of the structure is further extended.

NX-606

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119 m²



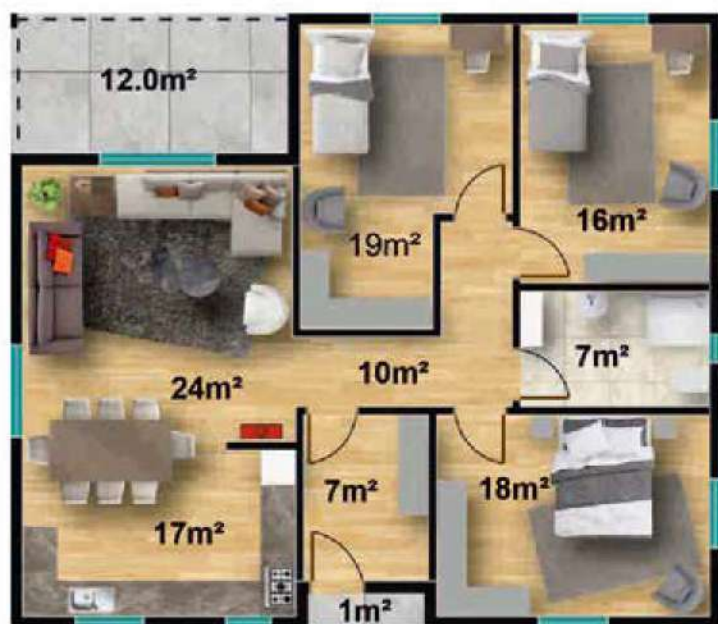
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NX-607

131 m²



NX-608

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138 m²



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NX-609

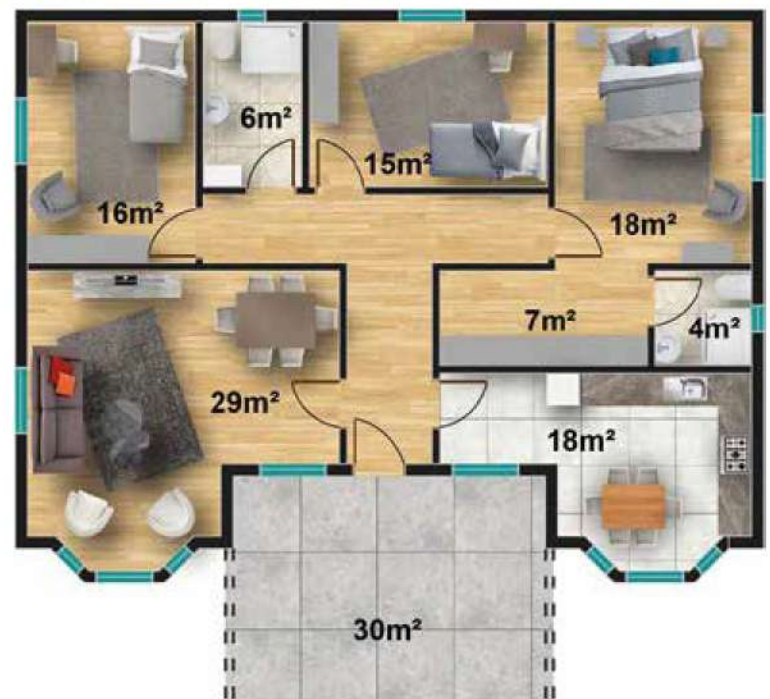
154 m²



NX-610

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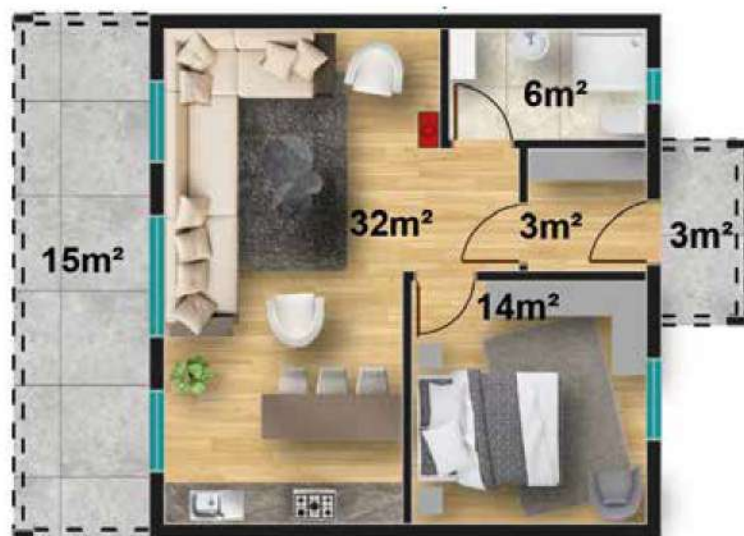
157 m²



NX-600

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76 m²



WHY STEEL STRUCTURES?

NEX Steel Group produces steel construction systems that are essential for Türkiye, a country situated almost entirely in a seismically active zone. In our state-of-the-art manufacturing facility, we produce with an environmentally responsible approach and innovative solutions tailored for urban transformation.

AN ALTERNATIVE FOR URBAN TRANSFORMATION

STEEL STRUCTURES serve as an excellent alternative for improving existing physical and environmental conditions within the scope of recent urban transformation efforts, ensuring the creation of healthier settlements. The urban transformation process clearly dictates that the use of an appropriate construction system is mandatory. For this reason, the STEEL CONSTRUCTION system—widely utilized in most developed nations—is indispensable for Türkiye, given its high earthquake risk. Powered by the latest production technologies, this system distinguishes itself by placing safety at the forefront.

LOW-RISE, AESTHETIC, COMFORTABLE, AND ECO-FRIENDLY LIVING SPACES

Light-gauge steel systems prove their superiority not only through seismic resistance but also through aesthetics and environmental sensitivity. Steel systems allow for the completion of buildings in incomparably short timeframes. These are low-rise structures that allow residents to see the sky, offer more personal living space, and create a comfortable environment where nature takes center stage.

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NX-611

168 m²



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NX-612

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175 m²



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NX-613



359 m²



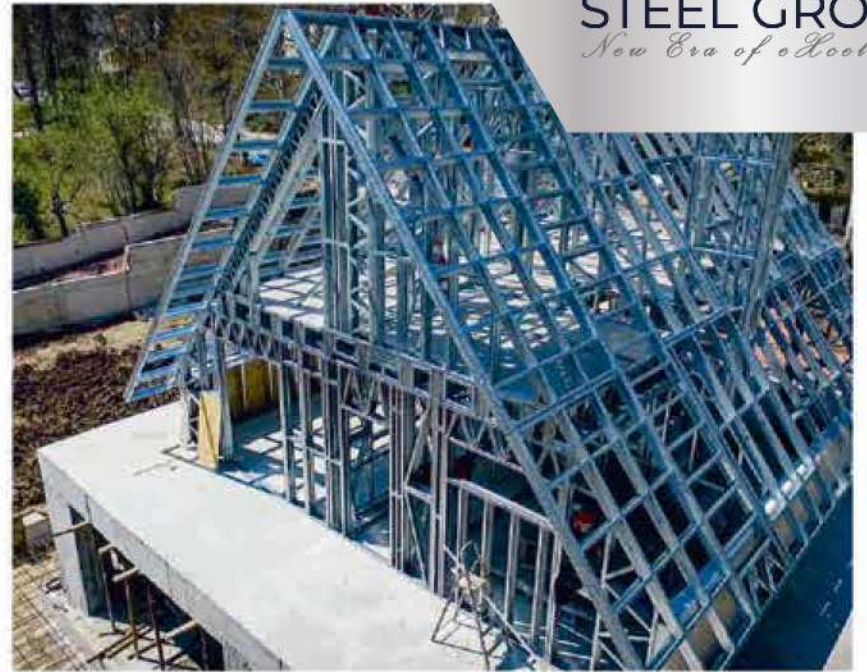
ZEMIN KAT PLANI



1.KAT PLANI

BUILDING CONSTRUCTION PROCESS

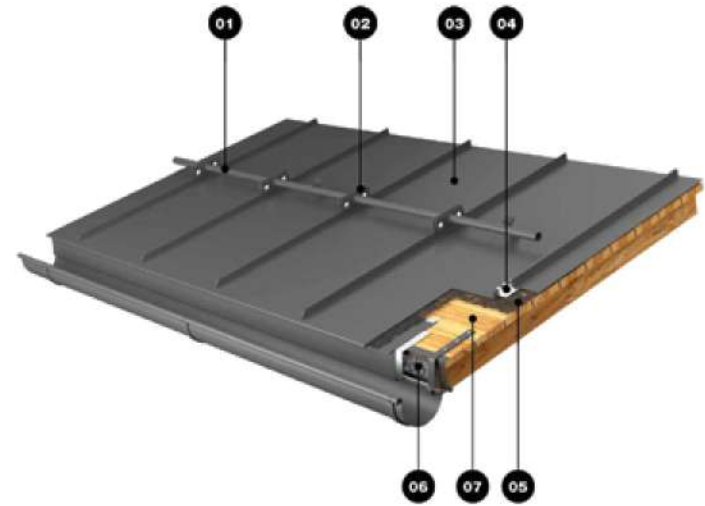
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BUILDING CONSTRUCTION PROCESS



ROOFING & FACADE WORKS



LIGHT GAUGE STEEL HOMES ARE EARTHQUAKE RESISTANT

Steel is the premier construction material for seismic resistance due to its high strength, flexibility, and lightweight nature. It is a material that withstands impacts and fractures by absorbing energy without compromising structural integrity. Steel structures are remarkably light; since the force of an earthquake is directly proportional to the building's mass, reducing the weight is the most effective way to minimize seismic impact. Steel homes are 5 times lighter than reinforced concrete structures, which reduces the seismic load on the building fivefold.

STEEL MEANS SPEED

Excluding the foundation and sub-base, the assembly of steel structures requires no concrete, allowing for extremely rapid construction regardless of weather conditions. This significantly reduces capital requirements and overall construction costs. For instance, the assembly of a 200 m² house can be completed in as little as 10 days.

STEEL MEANS QUALITY

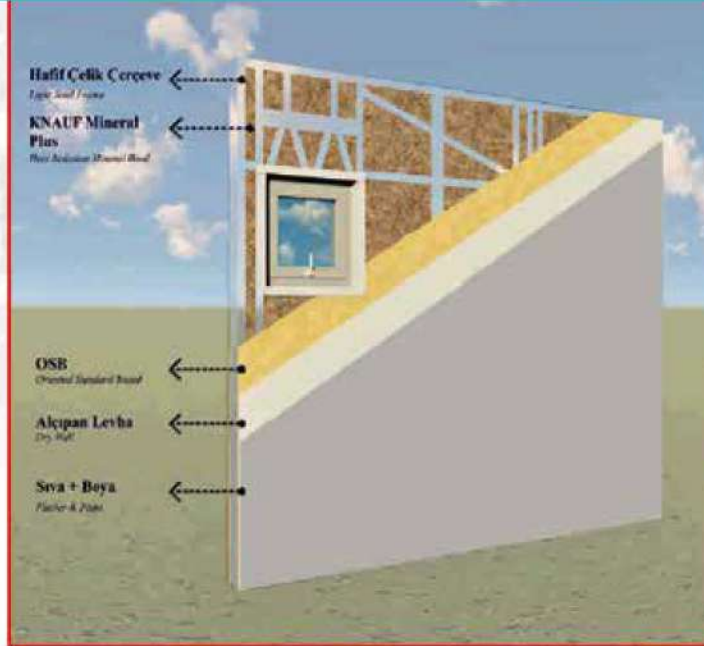
Steel is manufactured according to international standards and is a fully industrial product whose quality is monitored and certified at every stage of production. Neither the builder nor the user can alter the physical properties of the material, ensuring that theoretical design values perfectly match real-world application. Since the steel is not hidden within concrete, its compliance with the project and standards can be verified at any time.

STEEL IS CORROSION RESISTANT

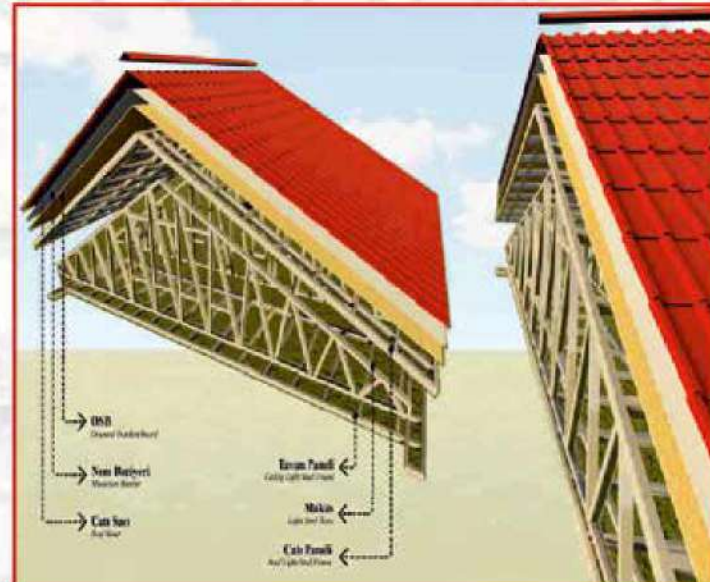
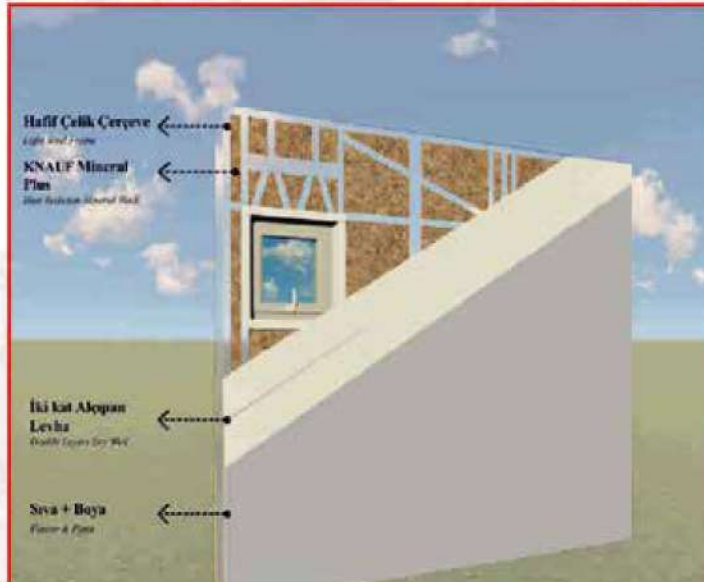
By utilizing galvanized steel in the production of light-gauge load-bearing structures, high corrosion resistance is achieved, preventing the formation of rust. Unlike wood, steel does not crack or suffer from insect infestations over time. NEX Steel Group homes utilize high-quality galvanized steel manufactured to rigorous international standards.

WALL & ROOF SECTION DETAILS

80 mm INTERNAL WALL WITH OSB (OPTIONAL)



EXTERNAL WALL SECTION



80 mm INTERNAL WALL WITH GYPSUM BOARD (STANDARD)

ROOF BUILD-UP DETAILS



OUR PROJECTS



Adana, Sarıçam: Luxury Steel Villa Project | Nex Steel Group



200 m² Steel House Project in Çanakkale, Türkiye | Nex Steel Group



4,200 m² Textile Factory Project in Diyarbakır, Türkiye | Nex Steel Group



Modern 6-Storey Building in Istanbul: The NEF Project



Modern Cold Storage Warehouse — Izmir, Menemen



5 Modern Bungalow Project in Sapanca, Sakarya | Nex Steel Group



Single-Storey Steel House Project in Pozantı, Adana | Nex Steel Group



250 m² Steel Villa Project in Sarıçam, Adana | Nex Steel Group



100 m² Steel House Project in Çanakkale | Nex Steel Group



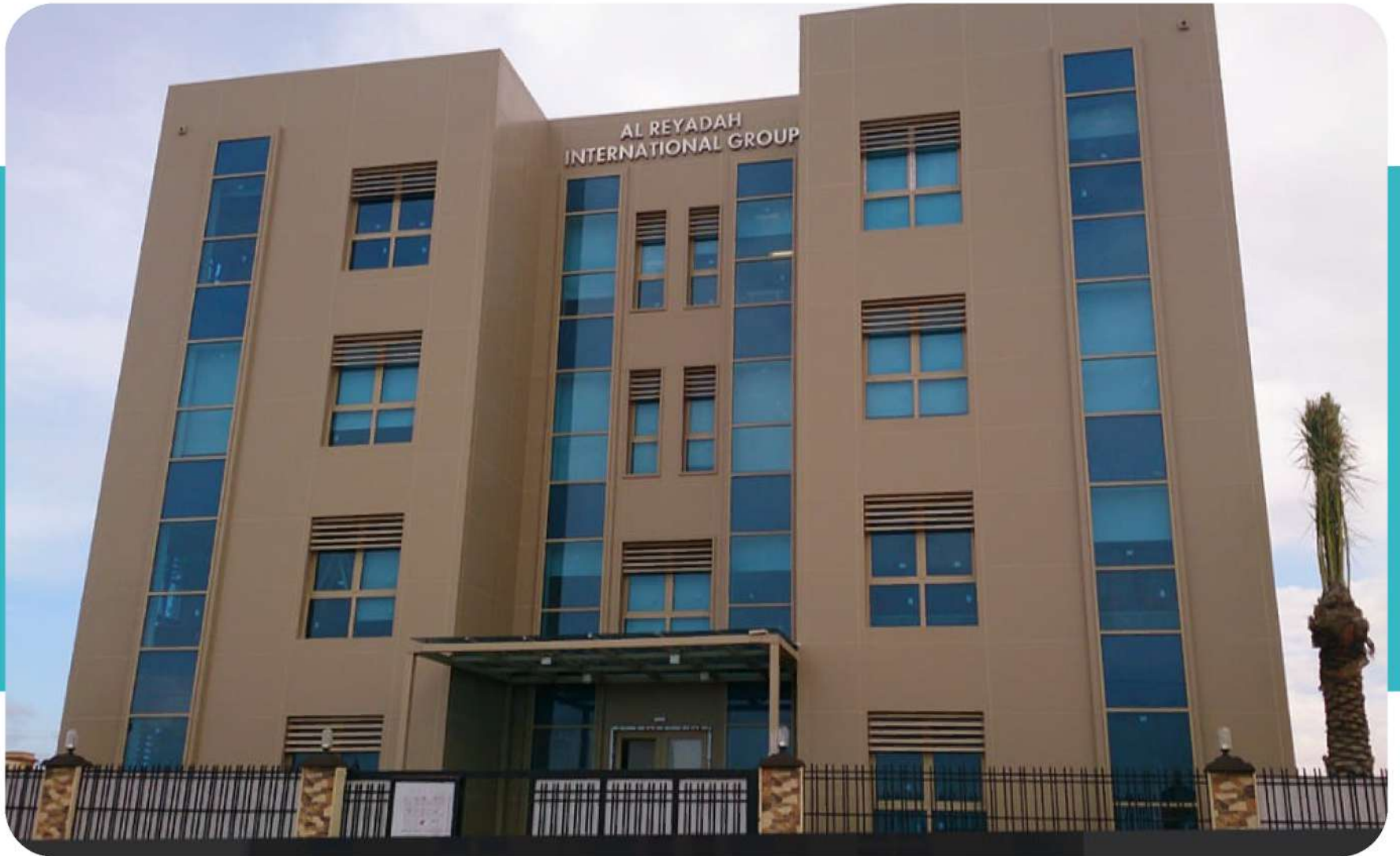
Hybrid Steel Villa Project in Hatay | Nex Steel Group



Steel Structure Project in Baghdad, Iraq | Nex Steel Group



5-Storey Steel Office Building Project in Libya | Nex Steel Group



Modular Staff Accommodation Solutions — Abu Dhabi | Nex Steel Group



Massive Residential Complex of 1,460 Steel Houses in Venezuela | Nex Steel Group



Elite 280-Room Steel Resort Complex — Dominican Republic | Nex Steel Group



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