



1. WHY STEEL STRUCTURE

RNB Doru Yapı do with urban renewal and environmentally sensitive approach in the factory equipped with the latest technology, which is indispensable for steel building systems throughout the earthquake zone TURKEY.

ALTERNATIVE FOR URBAN TRANSFORMATION

STEEL STRUCTURES In recent years, within the framework of the urban transformation of the existing physical state and environmental conditions of the development, enhancement and provide a healthier settlement is a great alternative. It is clearly stated that it is a necessity to use a construction system that is suitable for the purposes specified in the urban transformation process. Therefore STEEL STRUCTURE system used in most developed countries, almost all of which is a structure in the earthquake zone system is indispensable for Turkey. Because, thanks to the latest technology systems and steel construction used in the production of steel structure system, it is very different from other structures as a building system where security is prominent.

AZ PARTICIPATED, AESTHETICS, COMFORTABLE AND ENVIRONMENT-SENSITIVE LIVING AREAS

In addition to earthquake resistance, lightweight construction systems reveal the difference between aesthetics and environmental sensitivity.

It is built in such a short time that it can not be compared with its alternatives with its steel structure system, where you can see the sky easily with its low-rise structures, offer more living space for the human, and create a comfortable living space where the green stands out.

STEEL IS ECONOMIC

Pre-fabricated, fabricated bearing elements provide high quality at low price and shorten construction time. Steel is the material that has the highest ratio of the weight of the carrying capacity. Thanks to the high bearing capacity of the steel, steel construction elements are produced in smaller cross-sections and sizes, lighter and excellent qualities. Since the dimensions of the carrier elements in steel structures are much smaller than those of wood and concrete, much more use is obtained. This enables more efficient use of the building area. Price



balance and short construction times allow people to settle earlier, allowing them to achieve less rent, interest and cost advantages.

STEEL IS RESISTANCE TO EARTHQUAKE

The high strength, flexibility and lightness of the steel make it the best construction material to be earthquake resistant. Steel, which is able to resist the impacts and breaks without breaking the light is a material that prevents the blow. The steel structure is light. The larger the mass of the structure, the greater the force to be affected by the earthquake. The only factor that will reduce the earthquake force is the easing of the structure. Steel houses are 5 times lighter than reinforced concrete structures. This will reduce the earthquake load by 5 times.

STEEL IS ENVIRONMENT

Steel is a durable and reusable material. Material recovered from dismantling of steel buildings is recovered. The skeleton of a building made of light steel material can be obtained from 7-8 scrap cars. In contrast, about 50 trees have to be cut to make a similar structure from wood.

STEEL, SPEED

Since the concrete is not needed except the basement and water press, the steel construction can be assembled very quickly without depending on the weather conditions. This allows for reduced capital requirements and reduced construction costs. The installation of a 200 m² house can be completed in 10 days.

STEEL IS QUALITY

The quality of the steel, which is a completely industrial product, is produced and documented at every stage of production. Producer or user can not interfere with the physical properties of the material. Theoretical account values also apply in practice. Since it is not hidden inside the concrete, it is possible to monitor the compliance with the project and standards at all times.

STEEL, STAINLESS STEEL

Because of the use of galvanized steel in light steel carrier production, corrosion resistance is high, there is no corrosion. Cracking, as in wood, does not cause insects over time. The steel used by RNB Doru Yapı in its homes consists of galvanized steel produced by Erdemir Iron and Steel Factories in international standards and quality.



STEEL, FLEXIBLE

In modern and future buildings, another important factor that steel brings is flexibility in the settlement. The adaptation of our rapidly changing lifestyle to our spaces can be achieved in steel structures more easily and economically. Depending on the conditions that may occur after years, non-bearing partition walls can be removed or replaced by your needs.

STEEL PROVIDES AGAINST LIGHTNING

Unlike other structural systems, steel construction also provides protection against lightning. Because the steel skeleton creates a path to the ground, reducing the risk of explosion, small fire and personal injury.

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