

Japan Modular Construction

Bringing Japanese technology to the world



What is Modular Construction ?

Modular Construction refers to a construction method by which most of the work which is usually carried out on site is finished in the factory and modular-units are produced. Such modular-units are then transported to the building site. This new approach enables the drastic reduction of site work time.

1. Stable work quality due to factory production

Since this method is not affected by weather conditions, well-planned production can be performed in an efficient manner, and thereby stable quality control can be achieved.

2. Solid construction is made possible by heavy-duty steel structures

Heavy-duty steel structures, which have excellent durability and are earthquake-proof, are our basics. By combining separate modules into the final product, outstanding advantages in sound and thermal insulation properties can be realized.

3. An extremely short period is needed for site work

Since not only the structural members for a building but also the interior materials are finished in the factory, site work is needed mainly for building the foundation and assembling the modules. Even including other types of site work, such as interior finishing and utility setup, the entire site work can be completed in an incredibly short time. Although we still have to look into the particularities of the local ground conditions and surroundings of the building site, it usually takes about one month, after having started the foundation work, to complete the construction of a house and make the house perfectly ready for the owner to move in.

4. The house is movable

If necessary, the house can be moved to another location.

5. Only the least amount of construction waste is generated. - Environment-friendly house-building approach

The very least amount of waste is generated at the construction site, and almost no noise is produced during the construction period. In addition to these advantages, the house can be moved to another location if needed, and can be recycled. The Modular Construction method generates less construction waste, and the houses built by this method are highly environment-friendly.

How Are Modular – Units Constructed ?



- ① Most of the fabrication work, ranging from the main body portions to the interiors, is conducted at the factory under the strict supervision of our engineers.



- ③ As for the installation work on site, the prefabricated portions are unloaded from the trailers and installed on the foundation.



- ② After their arrival in a container ship at the destination port, all the shipments are loaded onto trailers and then transported to the construction site.



- ④ After the installation work has been completed on site, the piping and electrical cables are laid, and the structure is then equipped with the relevant outdoor facilities and an entrance.

We have been putting great effort into producing excellent products by applying the Modular Construction method based on the experiences we have accumulated during the past 14 years in the Japanese market, where many earthquakes occur and the demand for high product quality is extreme. In order to launch our products onto the world market, taking advantage of the technology we have long fostered, we have introduced Japan Modular Construction(Thailand). We have established a production system suitable for every corner of the world market, positioning our own production facility in Thailand at the core of our production activity.

We are pursuing the production of products well suited to the needs of each of the local markets in the world. Please contact us.

Major uses of our products include:

1. Residences
2. Lodgings used for supervisors and engineers on site
3. Lodgings used for workers on site
4. On-site offices, meeting rooms, gathering facilities
5. Utility rooms, storage spaces

There are so many other possible uses. Please feel free to contact us with your enquiries.



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