



# FREQUENTLY ASKED QUESTIONS

## **What is Modular construction?**

Modular construction is a process in which modules are constructed off-site in a controlled environment (such as an industrial setting) with a variety of building blocks, parts and components. Thereafter, it is transported to the building site where it is assembled to create the complete building structure.

## **Why should I use a Compact Modular method?**

Compact modular provides the perfect flexibility of a conventional building but at the same time harnesses the advantages and efficiency of modular buildings. RAW Module's award-winning building process simplifies the way we design and build for a streamlined building experience.

## **Do modular buildings need to comply with building regulations?**

Yes. Modular buildings need to meet all current building regulations. Most modular buildings, or temporary build structures, are exempt from the majority of building regulations. Some companies which sell lesser structures, such as commercial outdoor buildings (log cabins, insulated summerhouses etc.), state they 'meet building regulations', when in reality, these buildings don't have to comply with building regulations.

## **Are modular buildings and prefabricated buildings the same?**

Prefab is a general term for prefabrication or referring to a building structure in a factory setting before assembling it at a construction site. Modular buildings, more accurately called pre-finished volumetric construction, are structures that are at least 70% prefabricated. All modular buildings are prefab, but all prefabs aren't modular. Other kinds of non-modular prefab construction include light gauge steel, flat pack, and steel frames.



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## What are the advantages of modular construction?

### **Speed of build**

Modular building projects can be completed up to 50% faster than traditional construction methods because:

- Indoor construction processes can occur simultaneously to site and foundation work
- No concern to weather delays
- Efficient mass production, in a factory setting, saves time

### **Off-site manufacturing and engineering**

- Economies of scale
- Lean and efficient production processes
- Guaranteed and consistent high quality
- Less disruption on site given that 75% of the construction occurs elsewhere

### **Eco-friendly materials**

Modular buildings are environmentally friendly as they make use of GREEN and eco-friendly building methods and recycled materials. The off-site construction process ensures less waste and provides for a sustainable construction process.

### **Cost-effective**

- With a library of modules and components that fast tracks the design process which makes it efficient, cost effective and for rapid delivery
- Mass buying, economy of scale, lean production processes and less waste all contributing to overall cost savings

### **High quality construction**

The nature of indoor construction means that quality and safety is guaranteed and the building materials are protected from moisture and weather during the manufacturing process. Quality control procedures and quality checks are built-into the manufacturing process to guarantee a much higher quality than onsite construction could.



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## **What designs can I choose from?**

With our library of off-the-shelf modules and components one has total flexibility to design one's desired building irrespective of size, layout, orientation, finishes or aesthetics.

## **How are modular buildings delivered and installed?**

RAW Module's modular structures are delivered to site as modules and components transported in high cube containers. They are off-loaded by a mobile crane and assembled on a pre-built concrete foundation, or screw piles can be used where a complete dry build is required.

## **Is there a size limit for a modular structure?**

No. RAW Module's modular structures and components are designed to be stacked so the flexible size will be determined by your requirements, imagination and budget. The initial part of the project will require bespoke structural engineering calculations to suit one's project before the final price can be confirmed.

## **Can I add on to my existing modular structure?**

Yes. The very nature of our Compact Modular building system is such that you can easily add on at any future time without any fuss or mess. With your building information readily available from prior modular construction, it is easy to add on without the conventional obstacles associated with building alterations.