

# Modular Buildings **vs** Traditional Builds



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# Modular Buildings vs Traditional Builds

If you're looking to expand your workspace or build a brand new one — whether it's an office, classroom, site office or laboratory – the first thing you'll need to decide on is the method of construction. And the topic of modular buildings vs traditional builds is an ever-growing one in 2022.

Will you go down the traditional bricks-and-mortar route for your expansion? Or will you explore the world of prefabricated, fully customisable modular buildings?

In this eBook, we explore the many benefits of using modular buildings and compare them with traditional builds.

But first of all...

# What is a Modular Building?

A modular building is a structure that consists of individual sections or units known as modules.

The modules are manufactured off-site under strict factory conditions, and then transported and assembled on-site in the desired configuration. This allows for a structure of any size, shape, and layout to be built in a shorter time frame and with much less disturbance to the site than with traditional construction methods.

Modular construction is suitable for both temporary and permanent structures. From smaller units such as portable toilets and site accommodation right up to large open plan office buildings, there is virtually no limit to what can be achieved with modular construction.



# Six Reasons To Choose A Modular Building

So how do Modular buildings compare to traditional builds?

We've compiled six compelling reasons to choose a modular building, so let's dive in and see how they stack up against traditional builds.

## 1. Faster build times without compromising structural integrity

Arguably the biggest advantage of modular construction is how much time it saves.

Firstly, it allows for preliminary on-site work to commence at the same time as off-site construction work. This is physically impossible to do with traditional builds, and it means that modular buildings can be completed more quickly, sometimes in just half the time.

Secondly, because the modules are manufactured off-site, most of the work has already been done before they are delivered to the site. The actual process of assembling the structure is very quick compared to traditional brick-and-mortar construction, especially since the modules are usually delivered with most of the fittings and fixtures already in place.

Modular buildings may be built much faster than standard buildings, but there is no compromise when it comes to structural integrity. Modular buildings from EcoMod adhere to the latest building regulations and planning specifications, meaning that the finished product is just as safe, sturdy and long-lasting as a traditional building.



## 2. Modular buildings can be more cost-effective than traditional builds

Construction and labour costs are lower for modular buildings, meaning that they can offer a more affordable solution for your storage and expansion needs.

Modular buildings are designed and assembled by teams with specific skills and experience, meaning that it's often no longer necessary to accomplish construction projects with a small army of contractors (carpenters, electricians, plumbers etc) whose schedules can potentially clash and further slow construction down.

Modular office buildings from EcoMod can also be purchased or rented, offering more flexibility when it comes to determining your project budgets.



## 3. Modular buildings can match the features of traditional builds

Because modular buildings are less expensive and can be completed in a shorter time frame, some people might think they are inferior to traditional builds.

In reality, modular buildings can match—and often exceed—traditional buildings in virtually every way, including:

- Adherence to the latest building regulations
- A wide range of finishes available, both internally and externally
- Professional, bespoke design service that can ensure the outside of the buildings blend with existing structures
- Suitable for permanent or temporary use
- Energy efficiency features that include A+ rated double-glazed windows, insulated floors and ceilings, and energy-efficient lighting and heating
- Can be double-stacked for multi-story buildings

Plus many more...

## 4. Modular buildings offer efficient emergency solutions

In the case of a disaster such as a fire or a flood, modular buildings offer emergency solutions that can be available within days and sometimes hours, as opposed to the months or even years that it can take for a traditional building to be completed.

This means minimal disruption to your business or organisation in the event of an unforeseen catastrophe.

## 5. Reliable project planning

Modular construction allows for a greater degree of cost predictability than traditional construction, which is extremely helpful for budgeting, project planning, and time management.

Traditional construction is often affected by unforeseen delays due to things like adverse weather conditions and skills shortages, but these will have little to no effect on modular projects because most of the construction is completed in a factory prior to assembly.

In addition, because the modules are manufactured in a standardised process under strict factory conditions, we can provide accurate project data, insight and timelines from day one, with less opportunity for unexpected delays from conflicting contractor schedules that are commonplace with traditional builds.

## 6. Modular buildings can be more eco-friendly and sustainable

Traditional construction methods usually produce a high volume of carbon emissions and millions of tonnes of waste every year. Modular buildings can be more energy-efficient, create less waste, and generally use more sustainable materials in their construction.



# Modular Buildings From EcoMod

At EcoMod, we know that no two businesses or organisations are the same. That's why we offer a range of high-spec, fully customisable modular building options that can meet your needs in half the time (and a fraction of the cost) of traditional builds.

## The SpaceMaker Building

A high-quality 'plug and play' portable unit that can be used for many different purposes. These modular buildings come in small, medium and large sizes to fit your needs and multiple units can be linked together or double-stacked with external staircases fitted.



## The SpaceMaker Plus

The SpaceMaker's 'big brother' is a single-module building that's perfect for open-plan offices, staff facilities and training rooms. Its contemporary modern design and high-quality specs set the standard for large portable buildings.

## The EcoSecure Anti-Vandal Building

Ireland's foremost anti-vandal portable building for sites with security requirements. The EcoSecure is fully compliant with health and safety regulations and can be linked and double-stacked, making it suitable for an extensive range of uses and industries.







## The EcoSpan Modular Building Solution

This highly-customisable option comes in individual 3m wide modules which connect to form large workspaces of any scale or layout. The EcoSpan modules can be joined end to end, side by side or double-stacked and can be internally designed to meet any specifications.

# EcoMod – Your Modular Building Experts

At EcoMod, we pride ourselves on providing bespoke, high-quality, structurally sound solutions for all your construction and expansion needs. As an Irish company with over ten years of experience and a team of fifty dedicated staff, you can rest assured that you're in safe hands.

Get in touch with our friendly team on **01 862 3702** or at **[sales@ecomod.ie](mailto:sales@ecomod.ie)** and start your modular building journey today!



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