

The Cost Of **Modular vs** **Traditional** Construction



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Modular Construction

A Break From Tradition

Although modular construction has been in existence for centuries, it is still a relatively new concept to many. This highly efficient method of construction is common in several countries around the world, but it has been a little slower to catch on here in Ireland, particularly when framed in a 'modular vs traditional' debate.

The fact that it's still quite a new concept may deter potential customers, causing them to go for what they perceive as the 'safe option'. However, defaulting to traditional construction methods without researching alternative options can end up costing significantly more, in terms of both time and money.

In this eBook, we explore how the options of modular vs traditional construction weigh up in terms of cost – so you can make an informed decision for your next building project.

Let's see how modular construction weighs up against traditional methods.

Lower Cost, Not Lower Quality

The main misconception people have about modular construction is that it is a cheap alternative to traditional builds and that this is reflected in its quality, i.e. a temporary 'stand in' solution, or an option only for those with extremely limited budgets. However, that is simply not true.

Modular buildings are built to meet the same building codes and standards as traditionally-built structures, and they use the same architect-specified materials. And, their longevity is similar to that of a standard building.

So, if modular buildings equal the durability and quality of traditionally-built structures, then where does the cost-saving element come in?

The primary reason that modular construction is cheaper is that the process is significantly quicker than traditional methods and, as the saying goes, time is money.



Cost-saving Benefits of Modular Construction

Modular construction has become very popular in industries such as technology, education, pharma, manufacturing, and data centres.

According to Martin Searson, CEO of Quality Positive, the techniques developed in these sectors are helping to drive down costs and could be adapted to other areas.

Here are some of the reasons why modular construction is a more cost-efficient solution to your building, storage, and expansion needs:

Speed

Overall, the greatest cost-saving aspect of modular construction is the speed with which the building can be completed. The manufacturing process has been refined to maximise speed and efficiency at every stage.

Since manufacturing and on-site work can be done at the same time, modular projects can be completed much faster than a traditionally-built structure.

Materials and labour

Large-scale mass assembly generally lowers the costs of specific components. Plus, construction and labour costs are lower, meaning that modular buildings are naturally a more affordable solution for your storage and expansion needs.

Specialisation

Significant savings are achieved by using smaller teams of workers with specialised skill sets, knowledge, and experience in modular construction. Using an all-inclusive workforce also allows for more predictable scheduling.



Standardised building processes

The fact that a complete unit can be planned, designed and fabricated in a single facility will result in lower costs at every stage of the process, and shorter turnaround times further reduce the expense.

Scheduling

Modular construction eliminates the need to have a large team on-site for months at a time, working non-stop. It allows for a greater degree of cost predictability, which is extremely helpful for budgeting, project planning, and time management.

Less likelihood of delays

Traditional construction is very often affected by unforeseen delays due to things like adverse weather conditions and labour shortages. These do not affect modular projects because most of the construction is completed prior to assembly in a climate-controlled environment.



Modular Building Solutions From Ecomod

Modular buildings can match (and often exceed) traditional buildings in virtually every way, all while costing you less in terms of both money and time.



Our range of cost-efficient, fully customisable options include:

The SpaceMaker

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.

The EcoPod Mobile Welfare Unit

Our range of super-efficient mobile welfare units can be towed to any location, providing you with the welfare facilities you need within 30 seconds of arrival.



Who We Are

At EcoMod, we pride ourselves on providing bespoke, high-quality, structurally sound solutions that can be designed and adapted to suit your unique requirements and all of your construction 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 dedicated team at sales@ecomod.ie or on **01 862 3702** and start your modular journey today.



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