

Droylsden Glass



Welcome to Extension Kitz

*The original home of SIP Extension Kitz
Transforming your dream to reality*

Welcome to the home of Extension Kitz. The revolutionary kit made from eco materials that will allow you to erect buildings in a much shorter space of time than traditional build.

These highly durable **Structural Insulated Panels** (SIPs) are one of the most advanced, sustainable and cost-effective construction solutions on the market.

They are a closed cell structure with the highest possible thermal values and are considerably stronger than traditional building techniques.

SIP panels are easy to install and are slimmer creating more valuable space.

They are engineered, tried and tested, so giving you peace of mind.

In short, SIP panels are environment friendly, energy efficient, and will save you time on labour and significant costs on energy bills.



What is a SIP Panel?

SIPs or Structurally Insulated Panels usually consist of two outer layers of Oriented Strand Board (OSB3) sandwiched around a Polyurethane (PU) foam core.

Installing Extension Kitz produces an airtight construction resulting in a structure that requires less energy to heat and one that provides more valuable space compared to traditional techniques.

Forms of SIP construction have been used since the 1930s in the USA and Scandinavia where they have become a mainstream way of construction. Now, SIPs are becoming increasingly popular here in the UK, thanks to programmes such as Grand Designs.

SIP panels are a structurally sound framed system. There's no risk of compression shrinkage or cold bridging that is normally associated with other timber frame construction techniques.

Quality and consistency are totally controlled by our in-house manufacturing processes. The SIP panels are pressed in-house on the latest state-of-the art machinery and injected with polyurethane.



The Benefits of Extension Kitz

Our aim is to deliver a fully comprehensive, easy to install, engineered, tried, tested and flexible kit, saving you time and money, and giving you extra space and peace of mind.

- **Choice of finish** – brick slip to match existing building, cladding or render. Composite or shingle tiles or traditional tiles for the roof.
- **No costly downtime** – Because everything comes ready to assemble.
- **Fast, easy installation** – All panels are cut, pressed and dressed ready to install. The roof is pre-assembled and disassembled for delivery to site.
- **Exceptional thermal properties** – As per requirements the roof attains in England 0.15u-value, Wales 0.13u-value, Scotland 0.12u-value. The SIP walls need to be 0.18u-value in England, 0.17u-value Scotland and Wales. We manufacture them all with 0.15u-value.
- **Increased internal living space** – Under current legislation the overall wall thickness for traditional build walls is 370mm. Our Extension Kitz are just 180mm thick giving you extra space free of charge!
- **Within 3-4 days can be erected and watertight** – Super fast installation allows you to construct the building, then work on the interior, giving the homeowner a much quicker turnaround.
- **No waste because they are prebuilt** – so saving money and time on the job.
- **Eco friendly** – SIP panel system has a zero-ozone depletion potential (ODP) and the PU core is CFC and HCFC Free.
- **Tried, tested and engineered** – The design comes with CAD and structural engineered calculations as per Building Control requirements.
- **Ease of Project Management** – Extension Kitz is manufactured all under one roof using our state-of-the-art machinery.
- **Customer Service** - Friendly knowledgeable staff.

The Process

From start to finish Extension Kitz will manufacture, supply and deliver!

1. Firstly, you supply our CAD team with details of what you need us to build. Our CAD team will help you with this process.
2. Once the final design has been agreed and signed off, it will be then put into manufacturing.
3. Once built, your Extension Kit will be loaded onto one of our wagons for delivery to site.



Preparation of Caskets



Filling Caskets with Foam



SIP Panels pressed



Panel being routed



Finished SIP Panels

Before and After photos

Before



After



Before



After



Before



After



Conservatory Conversion transformed into a beautiful living space

Before



Before



Before - Original base



Sole Plates Starter Timber installed



All walls



Roof Structure



SIPs Extension



Brick slip with membrane



Brick slip part pointed



Interior painted white



Finished exterior



Kitchen complete



NEED EXTRA LIVING SPACE?

Before



After

TYPICALLY IN JUST 4 WEEKS



“ Build it faster, stronger,
warmer and smarter. ”

For a free no obligation quote
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