

EXACTING STANDARDS, QUALITY & RELIABILITY

Self Build

Contents



EXACTING STANDARDS, QUALITY & RELIABILITY

- 1 About us
- 2 Accreditations
- 3 What are SIPs (Structurally Insulated Panels)
- 4 Construction benefits of SIP Build UK
- 5 Predictability - Fast Track Build Program
- 6 Thinner Wall Build ups
- 7 Difficult Access Sites
- 8 Customer Segment: Self Build



Self Build

Follow us



About us



EXACTING STANDARDS, QUALITY & RELIABILITY

We take great pride in the design and manufacture of high performance, thermally efficient buildings installed on site on time.

With extensive knowledge and years of experience we cover the length and breadth of England, Scotland and Wales.

Offering both SIP and Timber Frame Systems we pride ourselves on a consultative approach.

We ensure our clients receive the best solutions based on the thermal, architectural and commercial requirements of the project. All of this then designed, engineered and installed on site on time by our expert teams.



Self Build

Follow us



Accreditations



EXACTING STANDARDS, QUALITY & RELIABILITY

Accreditations of SIP Build UK:

- ✓ STA Gold Standard Design, manufacture and installer
- ✓ ISO9001Certified
- ✓ CHAS
- ✓ SMAS
- ✓ SSIP



Self Build

Follow us



What are SIPs (Structurally Insulated Panels)



EXACTING STANDARDS, QUALITY & RELIABILITY

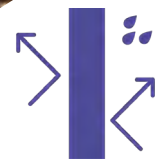
What are SIPs (Structurally Insulated Panels)

Structural insulated panels (**SIPs**) are a high performance building system for residential and commercial construction.

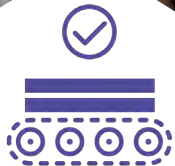
The panels consist of an insulating foam core sandwiched between two structural facings, typically oriented strand board (OSB).

SIPs are manufactured under factory controlled conditions.

Advantages include [more about SIPs](#)



- Very strong



- Precision engineered
- Minimal waste
- Less waste to landfill



- OSB sustainably sourced
- 35% reduction in timber used



- Predictable
- Incredible speed of erection



- Lightweight
- Dimensionally stable



- Thermally efficient
- Airtight



Self Build

Follow us



Construction benefits of SIP Build UK



EXACTING STANDARDS, QUALITY & RELIABILITY

- Premium quality lightweight product
- Very strong and dimensionally stable
- Exceptional thermal performance
- Anecdotal evidence shows 70% reduction in energy bills
- Manufactured offsite to millimetre precision
- Minimal waste, and dramatically reduced onsite movement; hence less CO² emissions
- Rapid build program
- 35% reduction in timber used
- Utilising SIPs you can achieve a U value of 0.15 without additional insulation

[more about SIPs](#)

Self Build

Follow us



Predictability - Fast Track Build Program



EXACTING STANDARDS, QUALITY & RELIABILITY

However complex the project, utilising 3d modelling software to break down the build structure into individual panels required delivers:

- ✓ Accurate and predictable cutting sheets
- ✓ Optimised integration of just 2 SIP panel sizes
- ✓ Simplified manufacturing process
- ✓ Massively reduces waste
- ✓ Achieves environmental sustainability

The complete kit system is then delivered onsite, and rapidly assembled to a weathertight stage, reducing onsite waste and ensuring timelines are achieved, enabling follow on trades to commence.



Self Build

Follow us



Thinner Wall Build ups



EXACTING STANDARDS, QUALITY & RELIABILITY

Overall construction depth is reduced significantly, compared to more traditional construction methods

- ✓ Thinner walls, more living space!
(The saving in wall build-up for example on a 345sq m home is estimated to be 176mm all around the build, making a saving of nearly 240 sq. ft of additional floor space available).
- ✓ More thermally efficient build ups can reduce energy costs by as much as 70%
- ✓ Maximise use of space on tight building sites
- ✓ More design flexibility

Kingspan TEK® Building System Walls with 102.5 mm Brickwork Outer Leaf

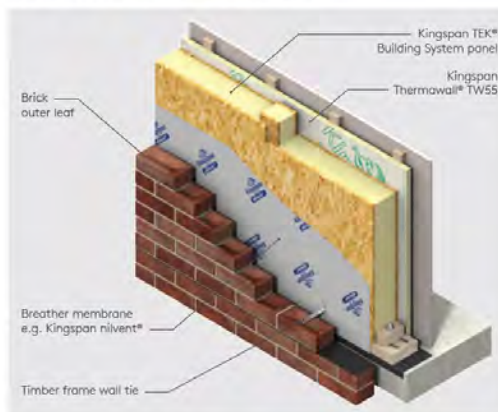


Figure 1

Kingspan TEK® Building System Walls with 10 mm Polymer Rendered 100 mm Dense Blockwork Outer Leaf

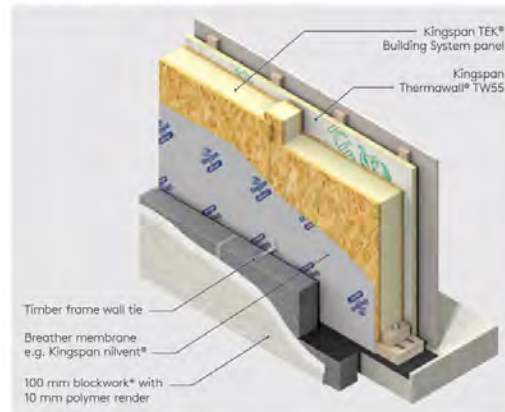


Figure 2

Kingspan TEK® Building System Wall Panels with Ventilated Cladding

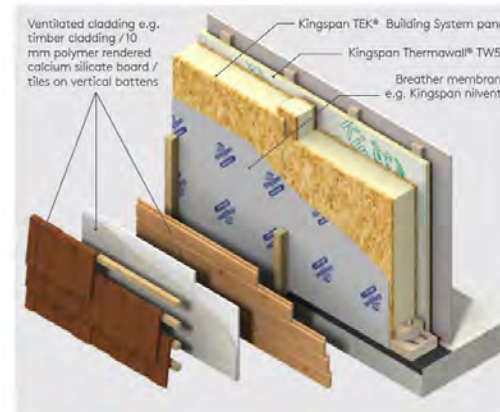


Figure 3



Self Build

Follow us



Difficult Access Sites



EXACTING STANDARDS, QUALITY & RELIABILITY

- Offsite construction completes projects on tight sites quickly
- Use of Specialist lifting
- Different Vehicles for access to smaller sites
- Utilise complex-shaped sites for maximum occupation
- Panels & Floors designed to make manual handling easier
- Daily disruption to neighbours reduced by lower delivery numbers



Self Build

Follow us





Essex



EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:

Essex (Southend) Self Build Project

View the Case Study

[Click here](#)

View time-lapse footage of a
SIP Self Build project in Driffield

[Click here](#)



Self Build

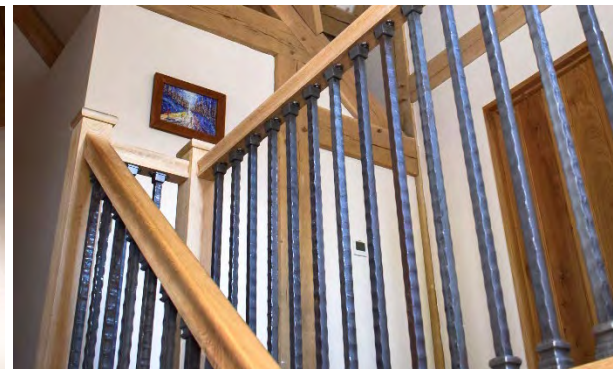
Follow us





EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:



Self Build

Follow us





Solihull



EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:



Self Build

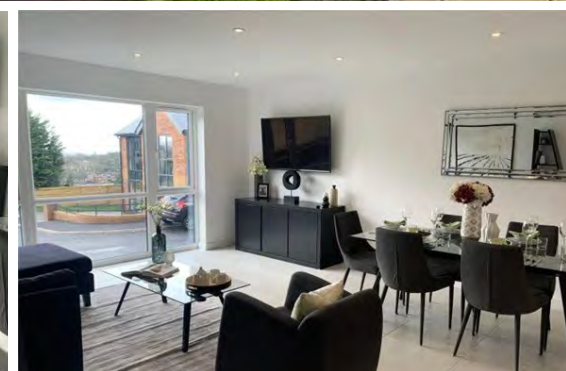
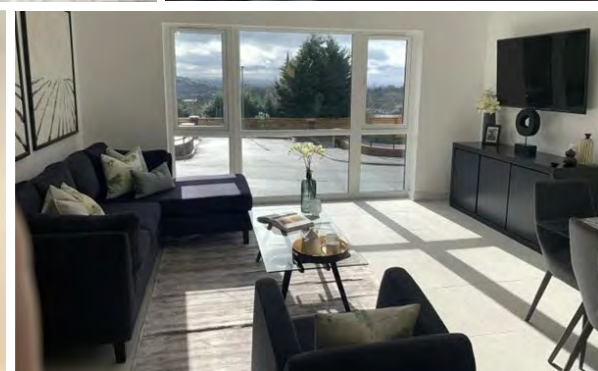
Follow us





EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:



Self Build

Follow us





Hampsthwaite



EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:



Self Build

Follow us



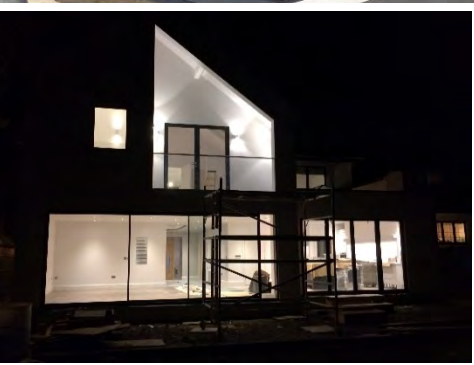


Hadleigh



EXACTING STANDARDS, QUALITY & RELIABILITY

Customer segment:



[Click here and view our Self Build Case Study](#)



Self Build

Follow us



Contact us



EXACTING STANDARDS, QUALITY & RELIABILITY

SIP Build UK

Unit 1a Foxbridge Way
Normanton Industrial Estate
West Yorkshire
WF6 1TN
Tel: 01977 520902

Follow us

www.sipbuilduk.co.uk



Self Build

Follow us

