



SIPs Eco Panels: Case Study

SIPs Extension In a Flood Zone

Our client's project was the demolition of an existing extension and the erection of a new SIPs extension. The complication came that the build had to include substantial flood protection works due to its location close to a river.

SIPs Eco Panels were contracted to provide Building Regulation drawings and supply and fit upgraded 194mm **SIPs Eco Panels** for the walls and roof. By rendering



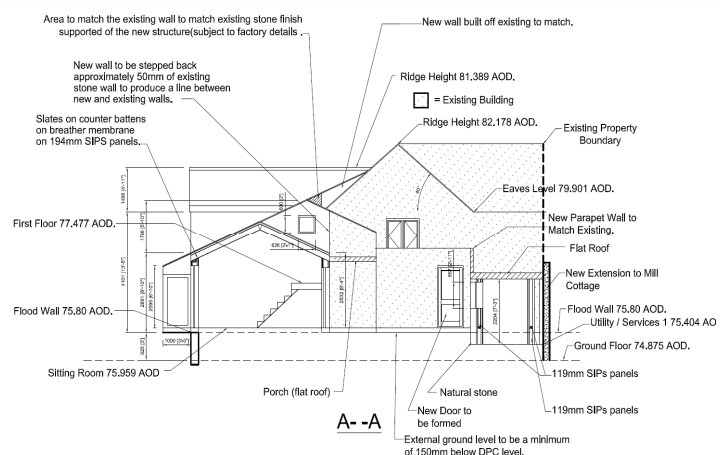
The erected and breather-papered SIP Frame

the external skin off of battens fixed to the 194mm SIP wall panels, our client achieved a u-value of 0.14 W/m²K to his extension walls.

The Design

The proposed design was for a complex, multi-levelled Sitting Room, Conservatory, Kitchen and extended Porch and Utility.

In addition, we had to allow for the new flood wall which was being constructed at the same time and the various floor levels required, making this one of our most challenging builds.



SIPs Eco Panels
South Suffolk Business Centre,
Alexandra Road,
SUDBURY,
Suffolk.
CO10 2ZX

www.sipsecopanel.co.uk

t: 01787 378567

f: 01787 377622

e: admin@sipsecopanel.co.uk



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Photos



The Experience

Our client was delighted with his experience of both the **SIPs Eco Panels** design office team and the frame supply and erection, scoring both top marks.

He said:

“The project design brief was very demanding, involving a multi-level extension which had to be precisely matched to unusually complex engineered foundations. The support from the design office in overcoming the problems which arose was exemplary. Moreover, when it came to erecting the frame, this was done on time and with commendable commitment given that it was undertaken in the worst of weathers.”

*If you are considering an extension or new build and think that SIPs might be a good solution, please contact **SIPs Eco Panels** now. We will consider any project and can provide you with a free quotation.*

For more information on **SIPs Eco Panels**, please visit:

www.sips.co

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