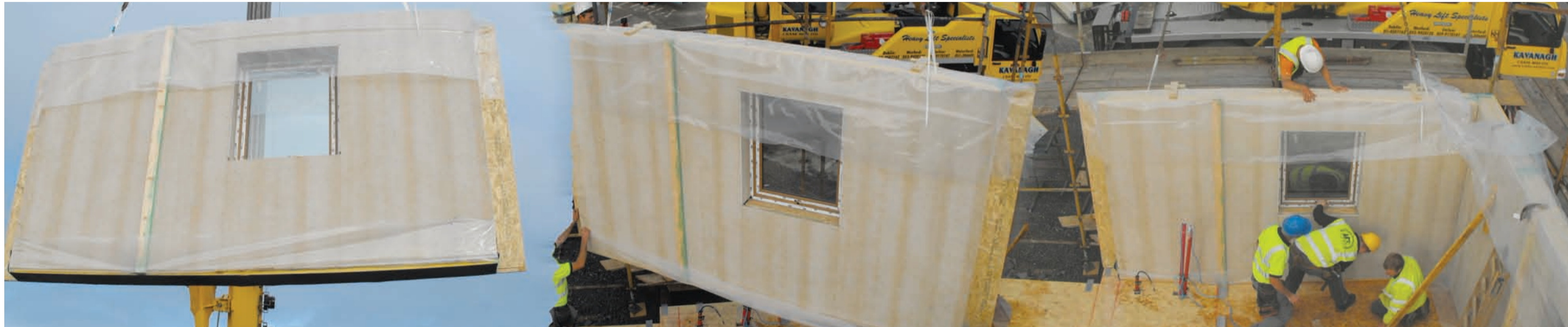


Wexford company leads the way in modern building technology



SYNERGY
H O M E

Closed Panel technology builds upon the benefits of timber frame and takes it to a whole new level. **Andrea Bonnie** reports



Your home is probably the biggest single investment you will ever make. It has to be thoughtfully designed, built with care, expertly finished and now, crucially, it must be energy efficient. Choosing timber frame for your home has many advantages, not least the positive impact it has on the environment. Timber is an organic,

non-toxic and naturally renew-able building material. On top of that, timber frame has the lowest CO2 cost of any commercially available building material and for every cubic metre of wood used instead of other building materials, 0.8 tonnes of CO2 is saved from the atmosphere.

The timber frame home is

a warm, comfortable and safe place in which to live. Under the new Building Energy Rating (BER) scheme, timber frame houses score highly as they are warmer and more economical to run. This means they will be more marketable and achieve higher sales prices. What more could you ask from a home that is also

helping to reduce your carbon footprint?

In this day and age, people are thinking 'sustainability and efficiency' and it is this ethos that drove the company on to develop a building system which can easily achieve an A-rating while being environmentally friendly. Bringing conventional timber frame to the

next step to meet customer demands, The Synergy Home is a closed panel system which has been researched, designed and developed by The Timber Frame Company. With the importance of energy efficiency at the forefront of its mind, the company has developed an Irish-made, factory-controlled building system that can be tailored to your individual requirements and will ensure an exceptionally high quality of build, saving you time and money.

Synergy Home is the leader in the market of sustainable manufactured off-site housing. Synergy Home Closed Panel System gives the client a wind and water-tight house within the space of a couple of weeks. It provides a high quality finish and air tightness that is much more easily achieved within a dry, controlled factory environment.

The Closed Panel System is a factory-made product. Closed Panel technology builds upon the benefits of timber frame and takes it to a whole new level. The wall panels come pre-insulated, finished internally with fibre-board ready for plastering, with pre-installed conduit for electrical wiring, external windows and doors installed in the factory and walls can even come externally finished ready for render. This vastly reduces the requirement for subcontractors on site, eliminating many of the onsite costs, problems, wastage and overruns, providing the developer with one single focused point of



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contact for many facets of the build. The Timber Frame Company has an in-house fully-trained BER assessor who will be happy to give you any advice that may help you achieve a higher rating.

The nature of the Synergy Home system is the future for the building industry. Its flexibility as a method of construction means that it is easier to control characteristics such as the air tightness, insulation and ventilation of the building, all elements which are vital to the energy efficiency of any home. Sustainable sources of energy (wind and solar) can be used to heat and power the home.

'We work with a vast range of suppliers which enables us to tailor our product to meet

our clients individual requirements,' says Stewart Mason, Managing Director. 'The client is able to choose windows from several of the country's leading window manufacturers, they are then delivered to our factory to be installed into the wall panels prior to delivery to site. This enables us to fit and seal the windows, which is imperative in achieving good air tightness. The wall thicknesses and insulation properties can be varied to achieve an A rated U-Value of 0.18 as standard and as low as 0.11 if desired. The feedback we have received from our customers tells us that they love the ease with which everything comes together on site with minimal mess, and one

point of contact instead of trying to manage numerous subcontractors and large volumes of on site waste and damaged materials,' he says.

As well as housing developments large and small, The Timber Frame Company has also worked on many commercial projects, including Monart Destination Spa, Wexford General Hospital and Stillorgan Park Hotel. Through its dedication to tailored customer service and over a decade of experience, The Timber Frame Company has gained a reputation for quality, excellence and reliability in everything it does.

The Timber Frame Company proudly displays its show house at its offices on Sinnottstown Lane, Drinagh, Co Wexford. All are welcome to come visit it to see the Closed Panel method of construction for themselves.

For more information, call 053 9144200 or visit www.ttfc.ie.

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