



Beattie Passive

Simplifying Passivhaus for the Self and Custom Builder

Beattie Passive provides a design technology that simplifies the delivery of a Passivhaus, before testing and certifying every building upon structural completion.

If you dream of building your own home but the prospect of buying a bare piece of land and starting from scratch seems a little daunting, or you're concerned whether it will be built safely and correctly, Beattie Passive provides all the advice and expertise to Self and Custom Builders to ensure your dream home becomes a reality.

The Passivhaus Journey

Taking your Architect's drawings, we create a 3D model to form the basis of your unique home. Then, with the real satisfaction of a self-build project being that you are in complete control, Beattie Passive can steer you to a fully qualified Passivhaus contractor or for a true self-builder, we can teach you to build a Beattie Passive structure through our comprehensive Training Academy.

Alternatively, we can build the structural thermal envelope (an airtight, waterproof, certified structure) and hand over to you to complete yourself or project manage other contractors to complete. This comes with the peace of mind that the structure has been stringently tested and built correctly, safely, and conforming to all building regulations.

Ease-of-Build

Our method of construction offers an easy to assemble frame-link build system. Working from assembly drawings, each member is coded to its attachment member, allowing just semi-skilled labour to be employed. Beattie Passive's unique spacing template eradicates all on-site measurement errors. Our patented scaffolding clip ensures easy, safe and secure erection, as does our board tool which both accurately spaces and holds secure all internal and external boarding.

Quality as Standard

We inspect and performance-test every Beattie Passive house to ensure the highest standards of construction are maintained. We carry out stringent air tightness, thermal imaging and sound migration tests following structural completion and only upon reaching the design standard, will we issue a quality assurance certificate. We test at the right time, every time.



“With new government legislation now in place to offer wider opportunities to Self and Custom Build projects, the process of building your own home will become part of new home construction for years to come.”

Ron Beattie, Managing Director, Beattie Passive

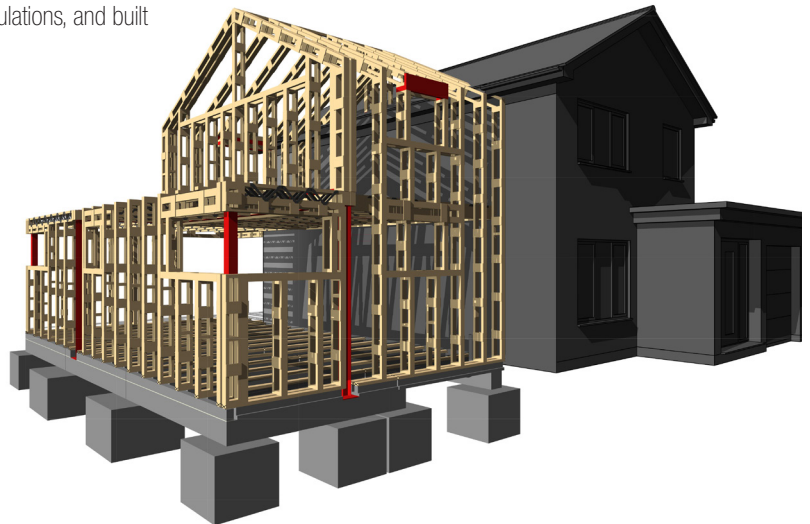


Benefits of Building with Beattie Passive

Using the Beattie Passive Build System, we have all the expertise and support to ensure your Passivhaus project is completed to your chosen specification, with full testing and certification for every home. This offers you peace of mind that your home is structurally sound, compliant with all the necessary regulations, and built to precise Passivhaus standards.

Building with Beattie Passive offers you:

- Flexible design & construction
- High quality build
- Reduced cost & time to build
- Radon, flood & fire protection built in as standard
- Easy access to materials via established supply chain
- Full testing & certification for each build
- Support & guidance throughout the build
- LABC registered approval



Key Benefits of Passivhaus Living:

- Improved energy efficiency
- Reduced fuel bills
- Improved air quality
- Improved comfort of living
- Reduced carbon emissions
- Reduced noise migration

Self-Build Project – St. Neots, Cambridgeshire

Client:

Mr M Branch

Client Brief:

Two storey extension approx. 70m² – Passivhaus certified with existing 1970s house retrofitted and upgraded with new insulation, windows and internal renovations.

Client's Verdict:

"Having completed the Self-Build course at the Beattie Passive Training Academy, I was able to start work transforming my 1970s detached house into a stylish and contemporary home with all the benefits of Passivhaus living. The simplicity of the Beattie Passive Build System enabled the local college's carpentry students to manufacture the timber frame structure in just 4 days, and once on site, the testing and certification will all be taken care of by Beattie Passive, giving me peace of mind knowing my home will be built and finished in line with Passivhaus standards."

