



PASSIVHAUS

DESIGN & CONSTRUCT



Concept

We discuss your vision and take the brief. This leads to the initial sketches that will become your passive home concept design.

We ensure that your new home will meet the passivhaus standard, your guarantee of quality.

We'll deliver your final concept design along with initial estimate for cost and timeline.



Develop

We work with our trusted consultants to ensure that the technical aspects of your new home are fully resolved before construction starts.

External materials are reviewed and finalised, locking in the external look of your new home.

Approvals required will vary according to government regulations, site conditions and the design itself.

All documents are stored on our shared drive so you can access them whenever desired.

Connect

The first step is to understand your vision. We want to know about your family and your lifestyle so we can design the passive house that works for you.

We'll also discuss your budget. It's important we're on the same page, so we can match expectations.

Understanding the site is key to building a cost-effective passive house and is essential to keeping the budget on track. Our team will meet you on site to discuss the project. Here both builder and designer assess your site for issues that need consideration for the design and construction of your new home.



Design

We develop a 3D model that allows us to ensure we meet the standard for Passive House Certification, while also providing you with cost certainty at this stage.

Now is also the time to start thinking about specifications for your finishes and layouts for your kitchen and bathroom.

We set you up with a link to our model so you can view your project at any time. You will have access to real-time data including your budget and all your documents, plans and approvals. We also upload photos and videos throughout the build process.





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The build begins. We lay the foundations and complete the exterior to lock up stage – passive house principles work on the fabric first philosophy – get the skin of the home right and the rest will fall into place. It is the envelope of the exterior of your home that will ensure superior air quality and noise reduction.

When your envelope is complete, we conduct the first of two blower door tests. This specialised test ensures your home is well sealed.

We commission your home with passive house essentials, including your heat pump hot water system and ventilation unit.

A final blower door test ensures your passive home is ready to be certified.



Document

The interior of your new home is finalised and documented for construction.

The final price is confirmed as these details are confirmed and all technical aspects including thermal bridges are analysed for a final check for passivhaus compliance.

We ensure all the boxes are ticked and signed off completely to be ready to move onto the construction phase.



Live

We handover the keys and the Passive House Certification of your beautiful new home.

It's time to move in, enjoy your home and live well.

If you find anything amiss with your passive house just let us know and we'll be back to fix it at no cost to you.

