



**WHO IS  
SUPERPOD® ?**



Original source Passivhaus Institute, Germany – <http://www.passiv.de>

*First passivhaus in Darmstadt, Germany*

*Superpod® is an international design house based in Australia.*

*We follow passivhaus principles in our innovative building designs.*

*Our system is a world first.*

We are passionate about design. Good design. Beautiful design. Sustainable design.

While people love good, beautiful, sustainable design - it is not always easy to access. Especially in housing.

That's why we developed the Podhouse®: a new concept in flexible beautiful pre-designed low energy housing.

Our Superpod® building system can apply to any building from single homes to multi-level apartments to supported accommodation to commercial buildings.

Based on the best low energy principles, passivhaus calculations, and high quality materials, each Podhouse® is pre-designed to maximise comfort, fresh air, and low energy use. Using these principles we have developed a new system and have partnered with passivhaus consultants internationally so that every Podhouse® or Podbuilding® can be verified to perform in response to its site, climate and context.

We are very excited to roll out this pre-designed building system for people around the world!

As a design house, we have researched the best performing, best looking materials from around the world using technology which has been tested and applied internationally, but which is available off the shelf locally in many countries!

This means you can put up a Podhouse® or Podbuilding® without waiting months for bespoke products to arrive by ship.

We have established teams of consultants who can work together on your Superpod® design.

We have developed a practical design for a building envelope that not only performs, but has hardly any of the traditional trades used on building sites. No carpenters necessary. No plasterers. No painters.



*Kingspan® panels and steel frame*

A Podhouse®, depending on the size, could be built on-site in as little as 3 weeks!

Using prefabricated components, your Podhouse® won't need as much maintenance as many houses. Mainly painting. We didn't want painting on site or regular repainting. So we thought you might not want it either!

Because we love prefab, we have specified prefabricated elements as much as possible. We didn't want the customer to wait for months while the building got 'finished'.

The low maintenance, fast, prefab components include:

- High performing insulating panels like Kingspan® panels with painted Colorbond® steel inside and out
- uPVC window frames with high performing insulation from European suppliers
- Prepainted hollow section steel frames - designed to be beautiful so they can be expressed or exposed on the inside of the building
- Pretreated hoop pine panels as an option

We will facilitate the design process and list your key suppliers for your high performing materials. Our designs will show your builder how to achieve the passivhaus standard, and how to document the process so that you can get your house certified as a passivhaus too.

## WHO ARE WE?

We are a design house, dedicated to the best performing low energy housing standard of passivhaus, and using an innovative building system to achieve it.

## SUMMARY ABOUT PASSIVHAUS

- The ultimate sustainability principles of low energy building - Passivhaus
- Passivhaus uses sophisticated building physics models and spreadsheets
- With a passive house you don't need traditional central heating
- You have less cooling needs - in some climates no aircon!
- No other sustainability standard provides this level of comfort
- The Passive House Institute says space heating and cooling savings are up to 90%
- 30-40% of the world's carbon emissions are from inefficient buildings
- Passivhaus is the best comprehensive system to cut energy use in buildings and combat climate change

There you have it, the Superpod® Podhouse® building design system - a new, high tech, fast, cool looking living space. A top performance building envelope as modelled using building physics calculations.

Options to customise the look to your own taste and in your own time.

Superpod® can help you get there.

Welcome to your future home. The future of the planet.



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