

LEAD WITH SUSTAINABILITY

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WANT TO TRY LIVING IN A PASSIVHAUS?



HERE'S YOUR CHANCE!

Brook Lodge Farm

26th June 2026

01

The house has been built with a twin-stud timber frame, with brick and cedar shingle-cladding.

Pulped recycled newspaper fills the void. (Circularity at its best!).

The insulated raft foundations (also by **MBC Timber Frame**), help avoid thermal bridges and are Passivhaus certified.



ORIENTATION

The house is sited east-west rather than the usual north-south associated with **Passivhaus** design.



This maximises views so the lounge and bedrooms look out on the beautiful back garden. But also lead to solar gain.

Internorm inset windows, with quadruple glazing minimise heat loss.

Integrated and external shutters keep the house cool in summer.



HEATING & VENTILATION

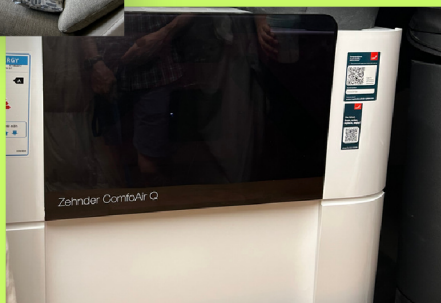
03

In winter, a **Samsung Air Source Heat Pump** with under floor heating keeps the house warm.



The **Samsung** unit optimises energy usage by basing it on temperatures outside.

While a **Zehnder MVHR** minimises usage overall by reusing internal heat. It also keeps humidity within the range required by PH standard.



NATURAL INTERIOR

04

Beautiful natural wood features heavily, with a simple curving staircase from lower to upper floor. Long straight corridors draw the eye the length of the house.



TRY IT FOR YOURSELF!

To help you stay in PH luxury, **Awen Design** created this user guide with all the tips you need!

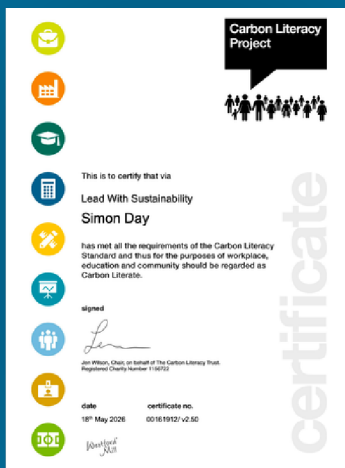


WANT TO FIND OUT MORE?

We cover **Passivhaus** and low emission construction in our **Built Environment Carbon Literacy course**.

If you'd like to learn more, why not **sign up now**?

For further information see our website above.



Upcoming dates:

- 19 August
- 23 September
- 10 November

All online
9.30am to 5pm



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