



Search for:

Inspirational design ~ sustainable solutions



Tel: 01273 204065

[Home](#)
[Projects](#)
[Services](#)
[Fees](#)
[About](#)
[News](#)
[Contact Us](#)

Passive Solar: the low-tech way to heat your home

Whether you're giving your house a new lease of life with a refurb or planning your brand new dream home, getting the most bang for your buck will be a priority.

Good design can save you money on your bills, create a healthier indoor environment and also reduce your carbon footprint. This article is about a particular design principle called passive solar. So, what is it, how does it work and how can it benefit you?

What is passive solar?

When hearing the word 'solar' most people think of solar panels. But that's not the only way to harness the sun's energy. Passive solar is simply optimising the sun's natural light and warmth through low-tech design features such as large south-facing windows and good insulation.

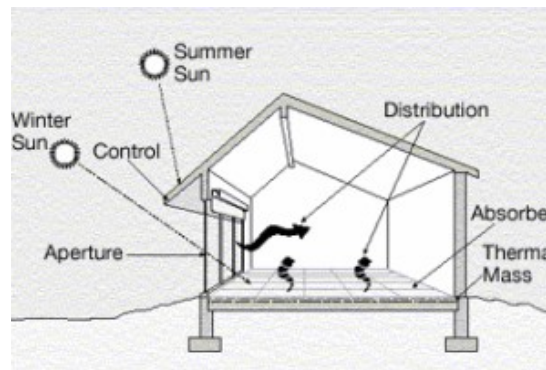


Diagram illustrating how passive solar works. Wikipedia Commons.

Making the best use of this passive solar energy is an affordable, sustainable and pleasant way to light and heat a building.

How it works

The three key ingredients to passive solar design are orientation, heat-retention and air-

Get green architecture news & design ideas in your inbox!

* indicates required

Email Address *

First Name

I'm Interested In
Designing...

Subscribe

- [Privacy & Cookies Policy](#)
- [Data Protection Policy](#)
- [Environmental Policy](#)
- [Equal Opportunities Policy](#)
- [Health and Safety Policy](#)
- [RIBA Schedule of Design Services](#)
- [RIBA Standard Conditions of Appointment for an Architect](#)

