

High Performance Structural System to your specification



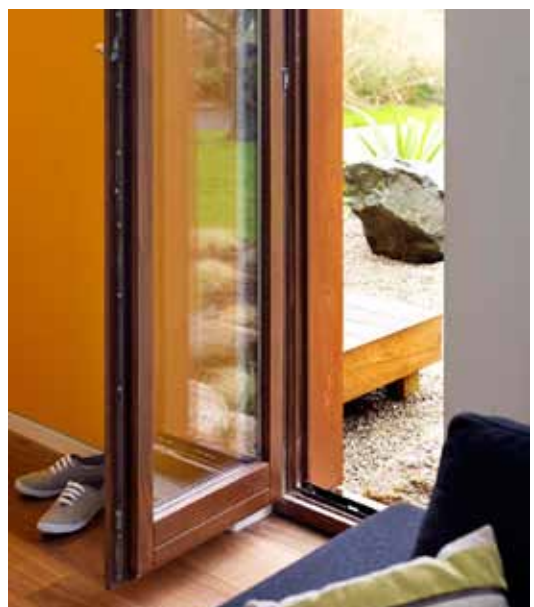
Cloud Nine's high performance structural system is designed to achieve energy efficiency through the use of all natural materials and off-site construction techniques.

The breathable highly insulated structure delivers a fresh natural environment and when balanced by a bespoke eco heating system and a fresh air heat recovery creates a very desirable home



Cloud Nine's structural system meets the highest requirements of sustainability, performance and longevity and is designed to give you peace of mind.

Cloud Nine - Design Technologists



Structural System

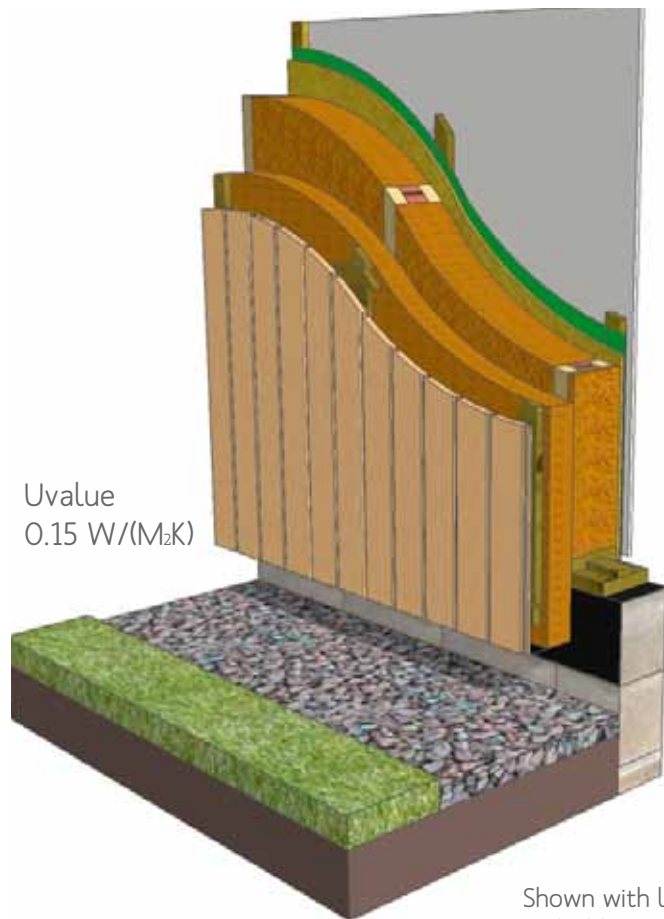
Cloud Nine's Structural System, allowing seamless integration to your design configuration. Achieving high eco performance within your luxury design, our off-site construction allows fast delivery, known costs, and reduces construction time on-site.

Our tried and tested approach is demonstrated in buildings that match high levels of the Code for Sustainable Homes, achieving airtightness levels of 1.2 with energy efficiency ratings under SAP of 85 and environmental impact of 89.

Suitable for all projects wanting to achieve high levels of the CfSH, including Code levels 4, 5 & 6.

Complete structural system solution built off-site with post and beam structure, delivers walls, floors and roof to your specification, helping save time and money on your project.

Cloud Nine's layered options gives flexibility depending on your need, from panels only through to a fully finished, turn-key service.



Options

1. High Performance Structural System.
2. Hardwood timber windows and doors.
3. Architectural cladding in various options.
4. Full M and E package available; including solar-thermal, whole-house heat recovery and other low energy systems.
5. For a full turn-key solution, ask how we can deliver this for your project.

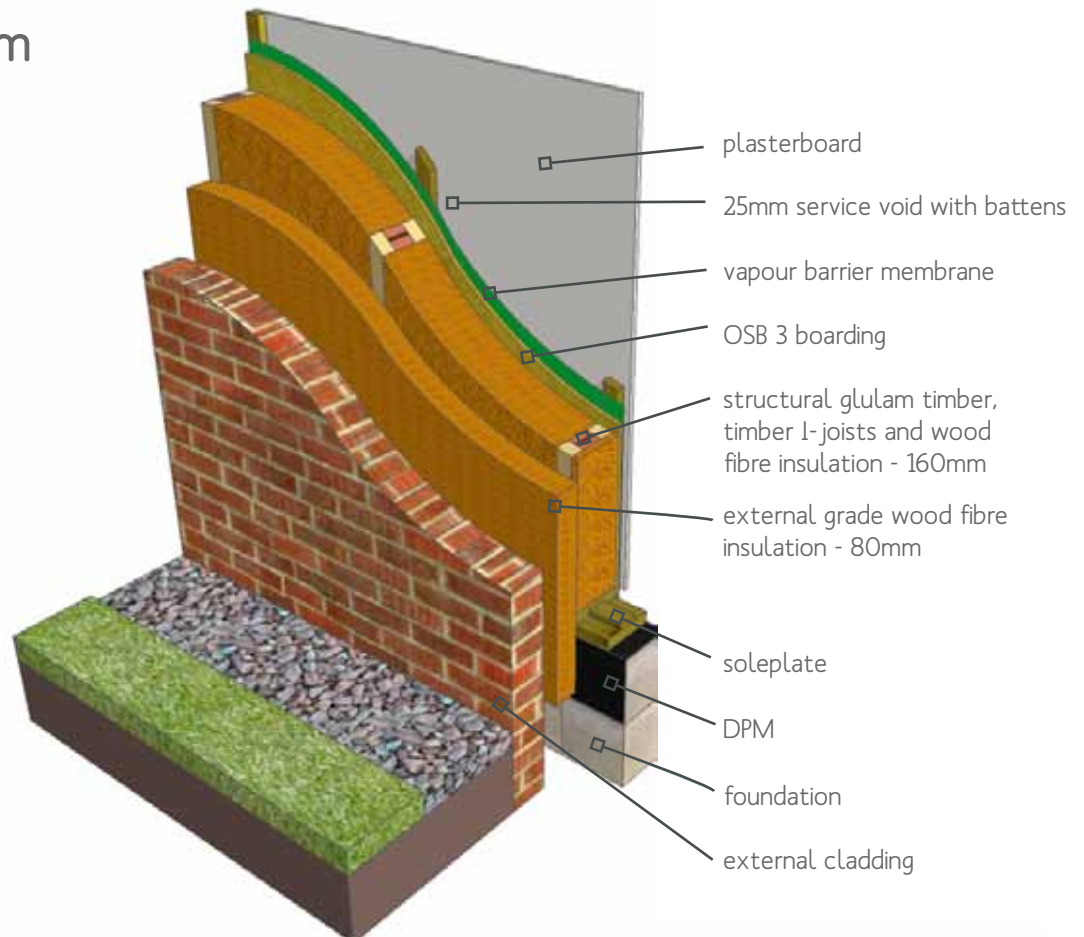


Options - from panels only through to full turnkey service

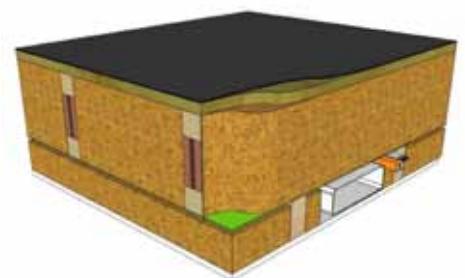
Structural System

Uvalue
0.15 W/(M₂K)

High performance panel
can be used inconjunction with
traditional brick cladding



- U -Values of 0.15 W/(M₂K)
- Air-tightness - our system has achieved 1.2 (m³/m²/hour@50pa)
- Durable, natural breathable materials have been carefully selected for their performance in combination with each other, from functional, well-being and sustainability standpoints.
- Rapid, precise assembly.
- Cloud Nine uses it's own Quality Assurance system to ensure that the construction process is efficient and exact.
- Energy-efficient to achieve low fuel consumption and heating bills.
- High acoustic performance.
- Fixed delivery date.
- Fixed price.



Typical example of flat roof section with service voids.



Typical example of floor section with hard wood timber floor finish

For a quotation please send your designs and requirements to
info@cloudnine-living.com

Design Technologists

Cloud Nine's high performance Show Home has been at the heart of all Cloud Nine activity. As an exemplar design it has undergone some detailed performance testing. However it has been found that a simple look at the years total energy usage is the best way to see the success of the design.

Total cost of energy for heating in 2010 - **£27**
Total cost of energy in 2010 - **£326**

For an example energy calculation for your home please follow this link. *'Energy comparison calculator'*

Along side the structural system Cloud Nine's design technologists are available to consult on the correct eco heating system for your project, guaranteeing overall system integration and performance. For an example of a typical heating and heat recovery system please click on the *'eco heating'* link opposite.



For further information please contact **Cloud Nine** on **01209 311147**

tel +44 (0) 1209 311147
info@cloudnine-living.com

cloudnine-living.com

Cloud Nine Energy Bills for 2010.
Image of pitched roof building courtesy of Cathedral Builders
Images of the Show Home courtesy of Darren Chung