



Hempcrete Block and external woodfibre board

Coupling hempcrete blocks with wood fibre boards improves the U-value to the point where Passive Haus standards are achievable. The benefit Hempcrete blocks bring to this kind of construction is the solid feeling that masonry provides, thermal mass and the ability to passively regulate internal humidity. Services can be chased into the blocks or run within the frame studs.

External Lime render (or vented gap and cladding).

External tongue and grooved woodfibre board

Timber frame with full fill
hemp batt or similar insulation

Hempcrete blocks tied to frame
with stainless steel timber frame ties.

Internal clay or lime plaster.

At a glance

- **U= 0.13 @350mm thick**
- **U= 0.10 @450mm thick**

