

LOCATE ARCHITECTS



Locate Architects

Locate Architects is an innovative young practice specialising in contemporary ecological design, tailored to circumstance and budget.

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Natural Energy Efficiency and Sustainability (NEES)

Best Practice in Products and Services

1. Product Description
 Local (Scottish) Timber

2. 'Natural' and/or 'recycled' content
 100% natural – no chemical additives
 0% recycled normally, but reclaimed timber can, and has been used
 (various % 'recycled' timber is normally used in various sheathing boards etc. as part of timber frame construction)

3. Percentage of the product processed and / or manufactured in the NPP region
 100% where supported by Client

4. Recyclability / biodegradability
 Re-usability is more relevant than recyclability, we also specify re-used timber, but this is more down to Client taste with finishes, floors etc.

Biodegradability is 100%, but main issue is that we use the timber without preservatives / insecticides etc. so it can be safely composted

5. Contribution to energy efficiency in buildings

Certainly better thermally than using metal or concrete for frame, but otherwise no major contribution to operational energy use (which is achieved using thermal insulation and airtightness, passive solar design etc). Very large contribution to carbon sequestration however which is part of an overall energy efficient design and another reason why we routinely use timber in preference to other materials.

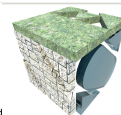
6. Lifespan
 Indefinite, assuming it is designed and specified properly.

7. Costs – Product and maintenance
 Varies hugely due to large number of variables involved

8. Examples of usage
 See pictures



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The above information was supplied by the producers/service provider and has been verified by the NEES Project.