



Fact Sheet 1: Timber

Advantages of hardwood timber products

Altus Services products are available in either FSC and MTCC Certified hardwood. All timber is carefully selected, and is always obtained from certified sustainable sources.

The eco-friendly choice

Timber windows are more environmentally-friendly than aluminium or PVCu windows for a number of reasons, some of which are illustrated below:

Naturally renewable

Wood is a naturally renewable material and therefore sustainable.

PVCu windows, in contrast, are made from a non-renewable source – namely oil – which makes up to 43 per cent of the raw material required to make plastic.

Carbon neutral

Wood absorbs CO² rather than increasing emissions. Managed felling and replanting increases this effect, since young, growing trees absorb more CO² than older, mature trees. Forests, and the wood they provide, are vital in the fight against climate change.

Less energy

Unlike steel, cement, bricks or PVCu windows, wood requires less energy to convert it into usable form. A plastic window frame has more than seven times the energy input in manufacture of a wooden frame of similar size and design. By using timber products instead of PVCu the world will save around 0.5 tonnes of CO² for every ten windows and up to four tonnes if used instead of aluminium.



Forest Stewardship Council (FSC)

FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. FSC certification provides a credible link between responsible production and consumption of forest products, gives customers peace of mind. FSC certified products benefit people and the environment.

Malaysian Timber Certification Council (MTCC)

The Malaysian Timber Certification Council (MTCC) is an independent organisation established to develop and operate the Malaysian Timber Certification Scheme (MTCS). Timber certification provides assurance to buyers that the timber products they buy come from sustainably managed forests.

Timber as a building material

Advantages of timber products:

- Timber construction is the only truly renewable method of constructing home improvements
- All of our timber is sourced from suppliers with FSC and MTCC Certification ensuring that the timber used in all our hardwood timber products has come from properly managed forests
- Timber and wood products are good insulating materials and are highly energy-efficient
- Any waste timber from our manufacturing process, i.e. offcuts, shavings or sawdust are converted to firewood which is then used to heat our factory.