



# solidwood®

Build Smart. Build Natural.

## Technical Facts



# Sustainable - Works With Nature

## Simple

Solid wood is natural, biodegradable and locks up large amounts of CO<sub>2</sub> indefinitely. Plus it's the only renewable building resource on the planet!

## Science

### CO<sub>2</sub> - Removing & Reducing

Solid wood buildings have the unique ability to reduce CO<sub>2</sub> in the atmosphere.

Firstly, the wood used in a solid wood building stores CO<sub>2</sub> as part of its natural composition. Trees replanted after they are harvested for solid wood buildings continue to produce life-giving oxygen while removing and storing more CO<sub>2</sub> from the atmosphere. Wood products achieve negative net CO<sub>2</sub> emissions - lower than any other building material. (Source: Building Information Foundation RTS, 2003.)

### Biodegradable

Solid wood walls are made from fast growing softwood tree plantations which, at the end of their life-cycle, can either be recycled into other products, or returned to nature as they are biodegradable.

### Renewable

Softwood plantations grow as part of a natural, annually renewable cycle that has evolved over millions of years.