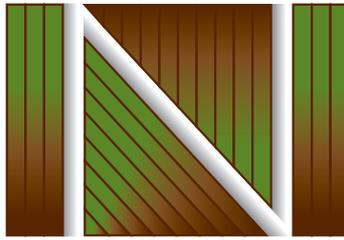




PLANTATION TIMBER



**NASH**  
TIMBERS



NASH TIMBERS OFFICE

# THE NASH TIMBERS ECO TIMBER

## OUR NATIVE AND PLANTATION FORESTS DELIVER MANY BENEFITS, INCLUDING:

- Converting carbon dioxide and other materials into wood
- Capturing and storing carbon in wood and organic materials – acting as a carbon sink
- Supplying wood, a renewable, readily available material
- Protecting soil, water and wildlife
- Forming a recreational resource for people
- Providing jobs and economic benefits

## DOES AUSTRALIA MANAGE FOREST WELL?

Australia's forest management is among the best in the world in terms of conservation reserves and codes of practice for production forests. Only 6% of Australia's 147 million hectares of native forests is public forest potentially available for timber harvesting. Timber is harvested from about 1% of these public native forests each year.

## REDUCTIONS IN LOG LENGTHS AND DIAMETERS

The reduction in the height and diameter of harvested trees, delivered logs and in turn sawn timber products is being experienced by all customers.

The trend is primarily as a result of changes in the forest resource during the last 10 years, which includes.

66% of high quality North Coast native forest available for harvesting has been placed in permanent reservation.

Environmental restrictions being applied on the remaining forest include no old growth harvesting and no stream side harvesting.

Environmental restrictions that impact on the intensity of harvesting, include, no clear-felling and retention of habitat trees.

Increase in hardwood plantation harvesting.

The native forest currently available for harvesting is generally shorter, smaller in diameter and height than that available in the past. With these changes this often results in shorter log lengths being cut in order to maximize the higher grades to meet Forests NSW commitments under long term Wood Supply Agreements. These shorter lengths will occur in all grades of sawing as we maximize each grade from trees harvested.

## WHY IS SUSTAINABLE TIMBER A GOOD OPTION

Ecologically Sustainable Forest Management (ESFM)\*, a system developed to sustain the full range of commercial and conservation values of the natural forest diversity within ecological limits, for current and future generations.

Forests and wood products can effectively reduce the process of climate change in several ways.

Mature trees have little ability to continue to sequester carbon dioxide because their growth rates have slowed down. Carbon storage does continue in the ecosystem in, for example, root systems and branches on the forest floor. Trees are harvested when they are at the stage of life where they have a reduced ability to fix carbon.

Growing trees absorb carbon dioxide from the atmosphere and store the carbon so efficiently that about half the dry weight of a tree is carbon. This carbon remains locked up in the wood even when we use it for building products or furniture.

Using wood instead of other materials can be an advantage too. The production of wood products uses less energy (usually sourced from finite fossil fuels) compared with some other building materials.

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