



For more INFORMATION

Telephone > 1800 007 463

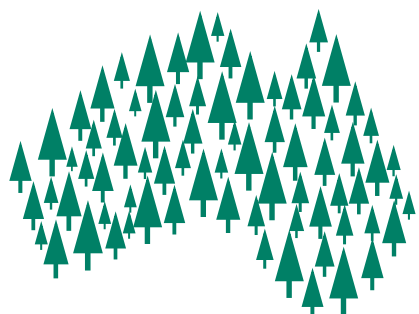
Material	Energy used in Production (MJ/m ³)	Carbon Released (kg/m ³)	Carbon Stored (kg/m ³)
Timber	750	15	250
Steel	266 000	5320	0
Concrete	4800	120	0
Aluminium	1 100 000	22 000	0



plantation pine

a better living environment

WE'RE PLANTING
TOMORROW'S HOMES.
TODAY.



**PLANTATION
PINE**

Published by the Plantation Pine Framing Alliance (PPFA)



Why would you use anything other than Plantation Pine Framing?

Plantation Pine outstrips all other methods of construction framing hands down. Each year over 90% of Australia's new homes are built using timber for the structural framework. Below we've outlined a few of the many good reasons why timber is the only rational choice for builders, homeowners and the environment.

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Let the EARTH BREATHE

Timber is the only renewable building material and in Australia it is harvested from sustainably managed forests and plantations. Trees absorb greenhouse gases during growth while releasing oxygen into the atmosphere and storing carbon as wood fibre - in fact trees filter the air. Australia's plantation resource is critical in reducing our greenhouse gas emissions and are set to treble in area by the year 2020.

The incredible range of timber construction products all share these fundamental characteristics . . . and they require low energy inputs to produce, transport and use in your house. We all benefit with timber framing . . . No other construction material comes close!

Steel production for an average 4 bedroom house releases about 7 times more CO₂ compared with pine framing.



Plantation Pine Framing
is **STRONG** and **RELIABLE**....

Plantation pine is strong yet light. This makes it easy to transport and erect, while modern processing ensures that every stick is quality assured.

Engineered pine timber products mean you can order in lengths, sizes and capabilities to match any situation. Plantation pine is tough on the jobsite and it is easy and friendly to work with - it's a natural

- A plantation pine frame is versatile, making it easy to adjust for future alterations. Extending is no problem. Go up, to the side, move a door, add a window - its just simple with a plantation pine frame.
- Timber is a safe building material. It does not conduct electricity, heat or cold. It's not sharp to touch.
- Plantation pine framing is thermally efficient - timber won't easily conduct heat like some other framing materials. Timber framed floors are comfortable to walk on and promote a healthy environment which is dry and off the ground.
- Plantation pine frames won't rust, expand and contract with heat and make unwelcome noise. They do not get slippery due to condensation or rain and are a must for houses close to the coast.

Plantation Pine Framing -
IT WON'T LET YOU DOWN.

If you're about
to be a **HOMEOWNER**....

- Time is on your side with a plantation pine framed house. It's finished faster because contractors are already familiar and comfortable with the simple requirements.
- Plantation pine frames can be prefabricated, transported and erected on site to save even more time.
- The good news for your pocket is that plantation pine frames are always great value for money and offer proven performance.
- It's an integral part of the home. Once the house is built, a plantation pine frame is easy to live with. You can easily add shelves to walls, put up pictures, add skirtings. Do almost anything you like.

If you're
a **BUILDER** or a **Tradesperson**....

- If you balance up the alternatives you'll find plantation pine is the most cost effective framing material. It's widely available and competitively priced.
- Plantation pine framed houses are built faster. Contractors are familiar with timber and comfortable using it. They find it easy to handle, easy to nail, easy to adjust and easy to get.
- You'll save even more money with the following tradespeople.
- Homeowners prefer plantation pine because they know it's a natural, renewable material that is friendly to the environment.
- Expanding plantations means your timber suppliers have to remain price competitive and do all they can to keep you happy as a customer.
- Timber is the basis of Australia's housing heritage. The timber industry is committed to continuing its service to Australian home owners.
- You'll have fewer worries with timber. On-site problems can be solved on the spot. If you need extra materials, there's always a timber yard down the road.
- Tooling up is easy with plantation pine. No specialised cutting and fixing tools, no extra costs.
- Productivity is obviously higher when working with plantation pine. Tried and proven building skills combine with reliable building methods for efficient site construction.
- Plantation pine is resilient. It's solid, it bounces back with hard knocks. And yet timber can be easily replaced or repaired on-site if the need ever arises.
- People know timber, trust timber and they appreciate good craftspeople who work with timber.



Timber framed homes have stood the test of time. They've lasted for generations. Today's plantation pine framing continues the tradition for the future while enhancing our environment today.

TERMITES - No Problem!

Termites are a part of Australia's natural ecology and environment. They can be found in most areas of the mainland. However, the termite risk can be affected by many factors such as proximity to natural bushland, age of the suburb, certain soil types and the further North we build. Termites should not be ignored and can attack any house irrespective of its frame type. Termite risk should be assessed after consulting with local building authorities and experts. Many effective termite management systems are available which will give your timber - framed home many years of trouble free service. Remember, if you are in a higher risk area, you should consider the use of cost-effective and user-friendly termite proof treated pine framing.

