



**Timber
Framing**
The **Ultimate
Renewable**

**THERE'S SOMETHING REMARKABLE
HIDDEN IN THE WALLS OF YOUR HOME.**



YOU'VE BUILT A BEAUTIFUL HOME, AND A BETTER WORLD.

Each year a tiny sapling grows a ring of new branches. Reaching higher, growing stronger, removing magnificent amounts of carbon dioxide from our atmosphere and binding it into its core. After around 30 years, the mighty tree's growth begins to slow, curbing its rate of carbon capture.

Only then is it harvested into strong, natural and beautiful timber, keeping the carbon locked up, even if the timber is eventually reused. And a new sapling is planted in its place, absorbing carbon dioxide at a much faster rate—picking up the baton to protect the air we all breathe. So it isn't just timber in the framing of your home, it's an environmental marvel. And it's helping preserve the home we all share.

YOUR HOME IS BUILT WITH THE MOST ENVIRONMENTALLY-FRIENDLY FRAMING MATERIAL AVAILABLE—THE ONLY ONE THAT TACKLES CLIMATE CHANGE.



Your home is:

Protecting the Air We Breathe

Your timber framed home stores more than three tonnes of carbon deep in its core, keeping it safely locked up and out of the air we breathe for as long as the dwelling exists, even if the timber is eventually reused. What's more, the production process of timber—from sapling to installation—removed more carbon from our atmosphere than it emitted.

Supporting New Forest Growth

Cutting down trees is often seen as a bad thing. However, the timber framing in your home comes from sustainably-certified forests, where at least one new tree is planted for every one that's harvested. In Australia, over 70 million trees are replanted each year and our softwood plantations grow the volume of timber framing needed to build the average home in two and a half minutes.

IT'S NOT ALL ABOUT SUSTAINABLE FORESTS.

As one of the world's oldest resources, timber framing has been safe and trusted for centuries. You can rest assured that your timber framed home is:

Strong, Durable and Quiet

Your home won't expand and contract during temperature changes, which means no risk of premature cracking in plaster linings. In this new age of timber framing technology, you can trust that your frame is strong and consistent, and your home will last for years and years.

Naturally Insulating

Your timber framing is a natural insulator. Tiny air pockets in the wood add resistance to heat flow throughout a home. And with good design, timber framed buildings can better regulate their internal temperature and reduce household energy use when it comes to heating and cooling.

Termite Treated

Your timber framing has been termite treated to safely protect your home from termite attack from the inside out. The active ingredient is most commonly found in head lice shampoo and flea collars, but works to keep borers out of your home. Your treated timber requires no annual inspections.

Fire Predictable

Fire doesn't need to be a concern. Timber has significant insulating properties causing it to burn in a slow, predictable way while maintaining its structural integrity, and your home's timber framing is also protected from fire with cladding.

Easy to Renovate

If you outgrow your home, your timber framing is simple and easy to work with. Whether it's removing existing framing, adding more or both, the ready availability of designers, materials and tradespeople familiar with the material make it an easy process.

Simple to Install Services

Timber frames can be easily drilled to install plumbing and electric cables, unlike some materials that require cushioning grommets to protect cable insulation during installation, limiting long-term damage to plumbing due to expansion and contraction or corrosion.

Good for Australia

With timber framing, you've also helped Australia grow and prosper. From forestry and sawmill workers to treatment suppliers, nail plate and frame and truss manufacturers, distributors, carpenters and tradies—you've supported an industry that provides over 45,000 local jobs and contributes \$24 billion to the Australian economy each year.



You've helped build a better world.
All that's left to do is enjoy your beautiful home,
and celebrate your remarkable decision.
Happy housewarming.





f in @

renewabletimberframing.com.au

v2.0