

Why more Australian home builders and owners choose timber framing



Proven and Popular

Lightweight timber framing is the popular choice for Australian homes. Decades of experience have ensured that the system is safe, reliable, cost-effective and well understood by designers, professional builders and even experienced DIY'ers. Owners and occupants can be assured that they are gaining the advantages of a proven building method.



Fire predictable

A home's timber framing is usually protected by cladding, often brick on the exterior and plasterboard on the interior. Timber maintains its structural integrity for a long time as it chars at a predictable rate.



Termites and Durability

In designated termite areas, it is important to install a termite barrier system to build termites out. This is because, regardless of the material used for the frame, termites can still eat through other items such as flooring, joinery and plasterboard if they have access. They can also cause damage to electrical cabling. Today, in areas subject to termite attack, timber framing is made from wood safely treated to resist termites, so that is no longer a worry. In fact, many Australian timber framed houses are well over 100 years old which shows the longevity of wood.



Strong, stable and quiet

Since the properties of timber are so well understood, a timber-framed house won't be noisy, as it doesn't expand and contract during temperature changes and risk premature cracking in plaster linings.



Low-cost flexibility

Today, most framing systems are prefabricated or built offsite. However, any last-minute changes or variations are easily made onsite by carpenters equipped with all the tools they need. Of course, if they need extra timber, it's as close as the nearest hardware store.



Fast to assemble

Prefabrication, flexibility and builders' knowledge of how timber frames are assembled, (joints, connections, tie-downs and bracing) combine to deliver fast, efficient buildings to lock up stage.

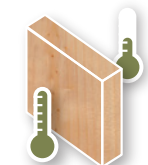
Ease of renovation

When a family outgrows their home, more space is needed, or you buy a home requiring renovation, timber framing is simple and easy to work with. Whether it's removing existing framing, adding more timber framing or both, the ready availability of designers, materials and tradespeople familiar with the material make it an easier process.



Simple installation of 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 and limit longer term damage to plumbing due to expansion and contraction or corrosion.



Insulating

Timber framing helps insulate your home as it has a higher R-value than many other materials. This means that it doesn't act as a 'thermal bridge', conducting energy (heat) from one side of a wall to the other.



Renewably and responsibly sourced

Most Australian-sourced timber is covered by either one or both certification systems, Australia's Responsible Wood, which is endorsed by the world's largest certification system the Programme for the Endorsement of Forest Certification (PEFC), or the Forest Stewardship Council. This means that the wood you use has been produced in an environmentally responsible and sustainable manner.



Environmental advantage: Low embodied energy

Wood has the lowest embodied energy of all common building materials. This is a measure of the energy (usually produced by greenhouse gas-emitting generators) that is used to convert the wood in trees to framing timber.



Environmental advantage: Stores carbon from the atmosphere

Choosing wood removes greenhouse gasses from the air. Approximately half the dry weight of wood is carbon, absorbed from the atmosphere by a growing tree. Using timber in buildings stores the carbon for as long as the building exists or the timber is reused or recycled.

Australian made with the quality and service you know.



QLD

Caboolture Sawmill

NSW

Oberon Sawmill

Tumut Sawmill

Gilmore Treatment Plant
Berkeley Vale Distribution Centre

VIC

Colac Sawmill

Shelton's Treatment Plant

Irrewarra Sawmill

Yarram Sawmill

Portland Pine Post & Pole

Jelfor Post & Pole

Geelong Export & Chip Facility



To find out more visit
woodsolutions.com.au
The website for wood



Reliable and sustainable... naturally

www.akd.com.au



Who are we?

Associated Kiln Driers Pty Ltd (trading as AKD Softwoods) is a 100% Australian owned and operated integrated forestry and timber processing company with operations in Victoria, New South Wales and Queensland.

AKD is distinctive amongst its key competitors for its reputation as a high quality producer, its exceptional customer service and its vertically integrated operations which comprise:

- Six sawmills processing in excess of 2,000,000m³ of sawlog per annum, providing over 1 million cubic metres of timber products annually
- Over 10,000 hectares of sustainably grown radiata pine plantations located in Victoria and South Australia
- Three post and pole preservation sites
- A softwood chip export operation based in Geelong
- Multiple treatment sites
- NSW Distribution Centre

Building an excellent reputation on its quality, service and flexibility, AKD has a wide range of products, and an end to end planning process that enables products to be made to order and dispatched on its own truck fleet, to customers across Australia.

As a regional employer, AKD plays an active part in supporting a variety of local community activities and sees its employees as the vital ingredient in its past and future success.

Since its founding, AKD has continually made significant investments to ensure long term growth and prosperity. AKD has grown its business over the long term, by building a stable foundation. This solid foundation includes stable ownership, long term customer relationships, long term log contracts, its own plantations and multiple state of the art processing facilities.

These foundations are constantly being enhanced by continual reinvestment in the business, plant expansions, plantation growth, employee development and the latest processing, automation, scanning and optimisation technology.

AKD is proud of its 60-year history, still operating on the site on which it was founded in Colac, Victoria in 1955 by an association of local family companies. The four equal shareholder companies that own AKD have been involved since day one.



AKD's footprint as a long term Australian-owned family timber manufacturing business means we are proud to be walking alongside all of you!

With our
Employees,

With our
Customers,

With our
Communities,

With our
Suppliers.

We'd like to take this opportunity to thank our long time partners and welcome our new customers, employees, communities and suppliers with our new businesses in NSW and Queensland. Our business' future success & our sustainability is a shared path with all of you.

Shane Vicary, CEO



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