




SUPASPAN



ASH

Longer. Straighter. Stronger.

Build to the highest quality standards,
at a price you can afford, with SUPASPAN.



Your reputation is built on quality. It's as simple as that.

In today's competitive world, it can be tempting to cut corners to save costs. But wouldn't it be great if you didn't have to risk build quality and you could still get a great price?

Quality is the hallmark of a lasting reputation in building and construction. It's simple: the phrase "they don't build them like they used to" is much more than a cliché. It refers to a time when craftsmen insisted on the best possible product for the job. People who still meet that standard insist on the SUPASPAN range for their structural timber needs.

Yes, there are many imported structural products on the market that are designed to be "fit for purpose". But they are generally created from soft woods that have a fraction of the nail retention, compression and beauty of SUPASPAN.

That's why if you love the durability, workability and reliability of SUPASPAN, you're not alone.

Your SUPASPAN advantage, at a glance.

There are many reasons why SUPASPAN remains your best choice.

- Longer span than many other products – especially softwoods – requiring less stumps, joists, bearers and studs to create a building
- Less expensive time spent on site.
- Higher strength in smaller dimension for multi-residential apartments when used as studs.
- High load bearing with smaller sections means less space is taken up by load bearing timber.
- Beautiful appearance
- Better holding ability of floors and decks.
- Not just long but straight.
- Proven performer. Cheaper alternatives risk your build quality but you won't find out until it's too late.
- BAL19
- Third party audited for quality and strength
- Australian grown, Australian manufactured, delivered by an innovative, highly responsive and reputable supplier.

Just look how SUPASPAN stacks up.

Edited Table H3.1 Standards Australia AS 1720.1 - 2010.

SECTION SIZE		Australian	Strong nail holding	BAL rating	CHARACTERISTIC VALUES, Mpa									
DEPTH	BREADTH				BENDING	Tension parallel to grain	Compression parallel to grain	Shear in beams	Average modulus of elasticity* parallel to grain	Average modulus of rigidity#	Bearing		Design density	Joint Group
mm	mm	(f'b)	(f't)	(f'c)	(f's)	(E)	(G)	Perpendicular to grain	Parallel to grain	(kg/m ³)				
70 to 120	35	Y	Y	BAL19	45	26	40	5.1	16000 (A17, SUPA17) 14000 (F17, SUPALAM)	930	17	50	650	JD3
	45				40	24	35	4.5						
	35				45	24	35	4.5						
140 to 190	45				40	21	32	4						
	35				40	18	27	3.6						
	45				40	17	25	3.3						

*The average modulus of elasticity includes allowance for shear deformation and is for short duration loading.

#The modulus of rigidity (estimated as a one-fifteenth of the average modulus elasticity) is included for the estimation of torsional rigidity. Interpolation may be used to obtain properties for depths not listed.

Time is money. And F17 provides strength and better nail retention too.

F7 TREATED PINE
35 stumps

Floor load width 5m

Joist spacing over 7m

Approximately 10 hours, materials approximately \$1400

F17 IRONASH
15 stumps

Floor load width 5m

Joist spacing over 7m

Approximately 3.5 hours, materials approximately \$1400

A great SUPASPAN product for every structural job.

SUPASPAN is not a single product, it's a range of carefully designed timber technologies created to answer your every need.



SUPA17

Naturally strong and beautiful solid pieces of Victorian Ash with mechanical properties known to span even further than traditional F17. Available in set length or random length up to 5.4m long in all sizes of 35 & 45mm thick.



SUPALAM

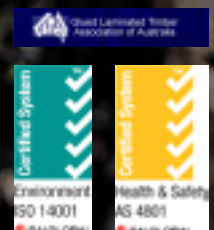
Engineered solid sections of F17 to give you the nail-holding benefits of solid Victorian Ash combined with set length "long and straight" finished product. Available in all 35 & 45mm thicknesses up to 7.2m long. SUPALAM uses class 3 exterior adhesive, rated for external use. It has zero formaldehyde, and is third party audited for quality through the GLTAA (Glue Laminated Timber Association of Australia). This eliminates an emerging safety issue with formaldehyde adhesives in common use for structural timber products.

Ecological credentials to be proud of – and which your customers will appreciate.

Using sustainably harvested wood products effectively reduces the process of climate change in several ways.

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. Using timber 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 many other building materials.





SUPALAM Sub Deck

With a 25 Year Guarantee externally above ground, SUPALAM bearers and joists have superior nail-holding ability for use with durable timber decks. SUPALAM spans further than treated pine so far fewer stumps need to be used and, usefully, more space is created for storage below a deck.



SUPACHORD

Similar in appearance to SUPALAM, but uses a bespoke joint configuration which is engineered for bottom chord of trusses. This product is tested for tension and load and is not suitable for joist, plate or bearers.



SUPABATTENS

Sawn Victorian Ash Tile Battens which are cut directly from the un-dried timber. The F11 battens are long and will not sag.

Everything you want in Timber



NON-TOXIC



STAINS WELL



HIGH NAIL RETENTION



MACHINES WELL



CONSISTENT COLOUR



SUSTAINABLE REGROWTH



H3 TREATABLE



VERY STRONG



LOW EMBODIED ENERGY

Embodied energy for common building materials

Material	PER embodied energy MJ/kg
Stabilised earth	0.7
Kiln dried sawn hardwood	2.0
Clay bricks	2.5
Kiln dried sawn softwood	3.4
Plasterboard	4.4
Cement	5.6
Plywood	10.4
MDF (medium density fibreboard)	11.3
LVL (laminated veneer lumber)	11.0
Glass	12.7
Galvanised steel	38.0
PVC (polyvinyl chloride)	80.0
Plastics – general	90.0
Synthetic rubber	110.0
Aluminium	170.0

Source: Lawson 1996

Leading industry figures specify SUPASPAN

“At BB we are all about efficiency so we only use SUPACHORD for ease of manufacturing: we have complete confidence in its accuracy, strength and durability.”

Geoff Baxter, Managing Director, BB Truss and Timber P/L



“Our company has built a reputation of quality by using proven reliable products and the SUPASPAN range is exactly that.”

Andy Carr,
Ocean Blue Builders

“I just won't use any old timber for the job. Nowadays you don't know where half of it comes from, and when my customers ask “Was this timber sustainably harvested?” I can look them in the eye and answer truthfully. SUPASPAN is the proven performer.”



Phil McCormack, Owner and Director, McCormack Hardwood Sales

A close-up, high-angle photograph of several parallel wooden joists. The wood is a reddish-brown color and shows signs of wear and grain texture. Metal brackets are attached to the underside of the joists, securing them together. The lighting creates strong shadows, highlighting the three-dimensional structure of the joists.

Need to know more? Just head to our website!

There are span tables and data sheets on all SUPASPAN products available on the Australian Sustainable Hardwoods website. Just go to: www.vicash.com.au/resources

What should you do now?

To place an order for a SUPASPAN product speak to a SUPASPAN specialist on 03 5139 7001.

- To find out more about the product, head to vicash.com.au/supaspan
- To find out more about the GoodWood range of internal, external and structural timbers, head to vicash.com.au
- To discuss an application or project, please email our project advisory specialists on sales@vicash.com.au

Your request will be treated as completely confidential and no commitment is assumed.



Australian Sustainable Hardwoods