



## 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 craftsman 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.

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 • Not just long but straight. 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 multiresidential apartments when used as studs. Third party audited for quality and strength
- High load bearing with smaller sections means less space is taken up by load bearing timber. · Australian grown, Australian manufactured, delivered by an innovative, highly responsive Beautiful appearance and reputable supplier.
- Better holding ability of floors and decks.

#### Just look how SUPASPAN stacks up.

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

SECTION SIZE			8		CHARACTERISTIC VALUES, Mpa										
DEPTH	BREADTH	1	Ē		BENDING	Tension	Compression	Shear	Average modulus	Average	Bearing		Design	Joint	
			2			parallel	parallel	in	of elasticity*	modulus of	Perpendicular	Parallel	density	Group	
		an	Jail	Bu		to grain	to grain	beams	parallel to grain	rigidity#	to grain	to grain			
mm	mm	Australi	Strong	BAL rati	(f'b)	(f't)	(f'c)	(f's)	(E)	(G)	(f'p)		(kg/m3)		
	35				45	26	40	5.1							
70 to 120	45				40	24	35	4.5							
	35			DAI 10	45	24	35	4.5	14000 (E17 SUDALANA)	020	17	50	650	כחו	
140 to 190	45	1'	l '	BALIS	40	21	32	4	14000 (F17, SUPALAWI)	330	1/	50	0.50	103	
	35				40	18	27	3.6							
240, 290	45				40	17	25	3.3							

\*The average modulus or 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 elasticty) is included for the estimation of torsional rigidity. Interpolation may be used to obtain properties for depths not listed

# F7 TREATED PINE



- Proven performer. Cheaper alternatives risk your build quality but you won't find out until it's too late.
- BAI 19

## 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.



#### **F17**

Naturally strong and beautiful solid pieces of Victorian Ash 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 nailholding 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.



### **SUPALAM Sub Deck**

Witha 25 Year Guarantee externally above ground, SUPALAM bearers and joists have superior nailholding 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.



## 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.



### Everything you want in Timber







STAINS WELL

MACHINES C WELL

CONSISTENT

SUSTAINABLE REGROWTH



LOW EMBODIED

H3 TREATABLE



OW EMBODIE ENERGY

#### **SUPACHORD**

#### **SUPABATTENS**

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

#### 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

## 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 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