City Timber
Timber Wholesaler

LVL e14

Supared LVL E14

Supared LVL E14 is a superior range of engineered wood products that deliver increased stiffness with load bearing capacity. Delivering consistent, predictable performance LVL E14 is the ideal alternative to F17 hardwood beams used in construction.

Suitable for structural beams such rafters or roofing purlins, lintels, ridge or intermediate beams and floor joists in residential and commercial projects, along with verandah and pergola beams.

Performance Attributes

Available as an E0 engineered LVL Beam, Supared LVL E14 is sustainably sourced from plantation timbers. This product is made of FSC®-certified wood. Additionally, holds a PEFC certification. Our products carry the Benchmark and JASANZ accreditations for quality and safety. Manufactured to AS/NZS 4357 for structural integrity and featuring an A-bond glue-line for exposure to heat, cold and wet conditions.

The Supared LVL range is H2 (G) treated, which includes glue-line treatment for protection again termite attack.

Product Information

LVL Beam Lengths: 2.4 – 6.0+ metres
Beams available in up to 12 metre lengths

Supared LVL Beam Sizes (mm)								
Thickness	**Width**							
35mm	90	120	140	-	-	-	-	-
45mm	90	120	140	190	240	300	360	400
63mm	-	-	-	-	-	300	360	400

Treatment Level H2 (G)

Bond Strength A bond

Standards: AS/NZS 4357

SUPARED LVL TIMBER WITH A PURPOSE

JAS-ANZ

benchmark PRODUCT CERTIFICATION

PEFC PEFC/21-31-178

FSC www.fsc.org FSC® C212217 The mark of responsible forestry

Specification Data

PRODUCT DATA

Manufactured in Accordance with	AS/NZS4357
Product certified by	JASANZ, Benchmark
Timber veneer species	Mix of softwoods & hardwoods
Natural durability	Class 4 to AS1684:2021 minimum
Adhesive	Phenolic to AS/NZS2754.1
Bond	Type 'A' to AS/NZS2098.2
Finish	Unsanded faces, sawn edges & edges arrised Water resistant paint finish applied to all sides
Moisture Content	8-15% (when despatched)
Formaldehyde emissions	E0
Treatment	H2 to AS/NZS1604.1:2021

PRODUCT TOLERANCES

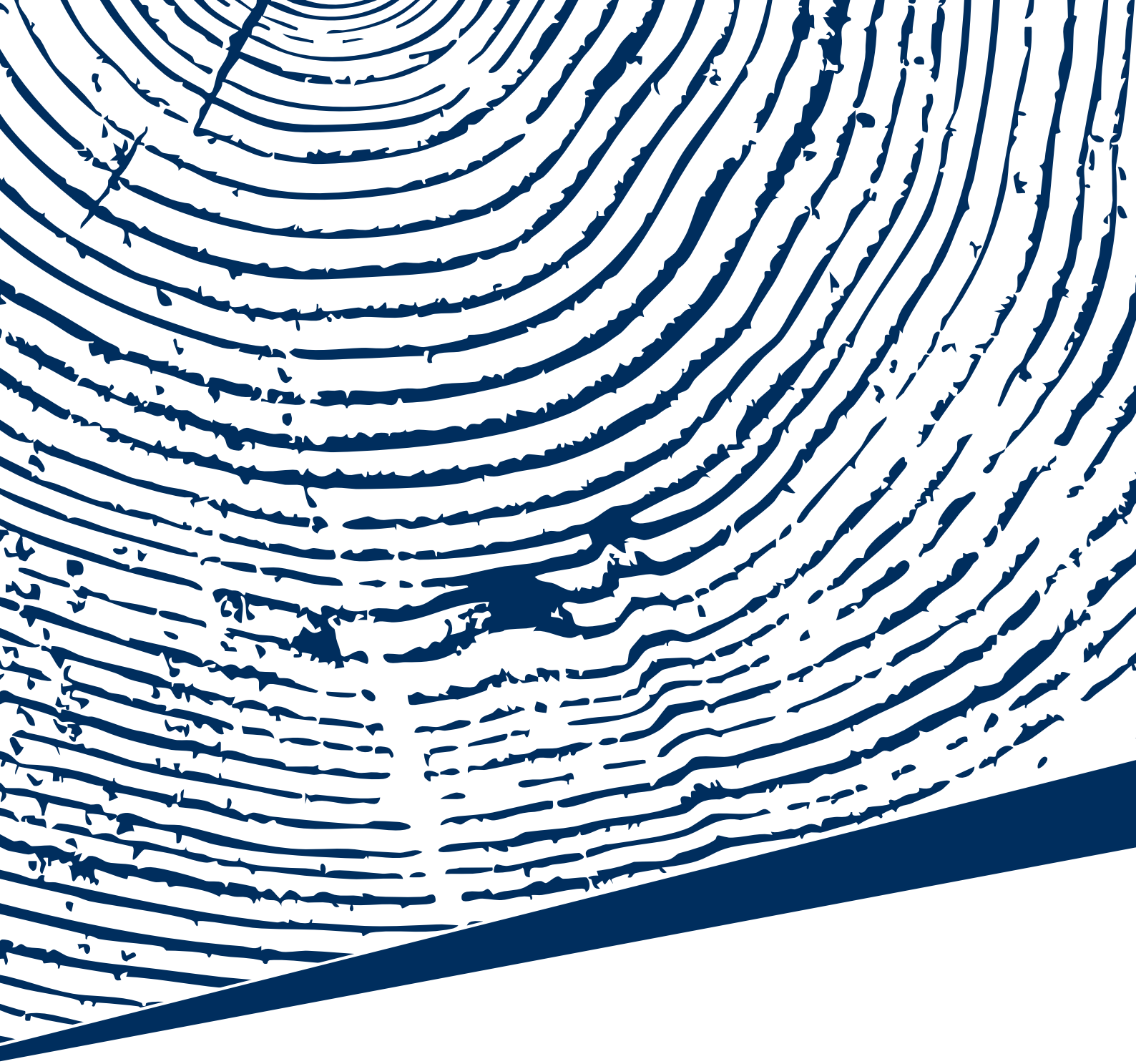
Length	-10, +30mm	
Width (<400)	-0, +2mm	
Width (≥400)	-0, +5mm	
Thickness	35mm 45mm 63mm	-2.0, +2.0mm -4.5, +4.0mm -3.5, +5.0mm
Straightness	Spring & bow Squareness Twisting	1mm in 1000mm 1mm in 100mm Length (mm) x Width (mm) / 3500 Thickness (mm)

DESIGN PROPERTIES

Minimum Modulus of Elasticity MPa	35mm 45mm 63mm	>1400 >1400 >1400
Average Density (kg/m³)	550-750	
Joint group for connectors (bolts)	JD3*	
Joint group for connectors (nails, screws)	JD4*	

Notes:
1. Width & thickness of beams will increase at higher Moisture Content levels. As Moisture Content falls beams will return toward acceptable levels, but may not fall within the above tolerances if exposed to high Moisture Content.
2. Cupping can result from a moisture gradient across the beam thickness as a result of weather exposure, not manufacturing.
3. Suitable storage & handling is required to support long term performance. Refer City Timber's storage & handling document.
* Refer City Timber's Fixing, Storage & Handling Guide for LVL

SUPARED LVL TIMBER WITH A PURPOSE



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