

# DINDASLVL 10

Laminated Veneer Lumber



Image for illustrative purposes only

Dindas Australia's LVL, DindasLVL 10, is an excellent choice for your framing requirements, such as structural members for lintels, beams, and wall frames. Its solid construction is sturdy and lightweight, ensuring maximum stability, durability, and superior strength over traditional timber, even when compared to higher-grade LVL options.



## Cost-Benefit Structural Timber

- It has an excellent strength-to-weight ratio, making it perfect for framing without adding extra weight to the building structure. It's a cost-effective LVL option and ideal for structural framing applications.



## Six High Span Option Sizes (6 m length packs)

- Cost-effective sizing solutions that suit all your project requirements.
- Individually labelled and QR code marked for direct product information access.



## High-Performance Engineered Wood Product

- Each piece is highly consistent in the way it performs under load.
- Manufactured with type 'A' (marine) bond, renowned for its structural strength and long-lasting durability.



## Dimensional Uniform Stability ( $\pm 1$ mm)

- Features a solid construction that is both sturdy and lightweight, ensuring maximum stability and durability.
- It is free of traditional timber defects like gum pockets and strength-reducing knots.



## Sustainable Sourcing

- As a Carbon Warrior partner, we only work with suppliers with verified Wood Source Certifications for responsible and sustainable timber.
- Chain of Custody certification compliant for well-managed and sustainable forests.



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## DINDASLVL 10 Product Specs

**APPLICATIONS:** Internal. Traditional framing components. DindasLVL 10 is specifically manufactured for load-bearing capacity and uniformity.

*Note: DINDASLVL 10 should only be used for its intended purpose.*

**MAXIMUM LENGTH:** Only available in 6m packs

**DEPTH OPTIONS:** 70, 90, 240 and 300 mm

**WIDTH OPTIONS:** 35 and 45 mm

**TIMBER GRADING:** LVL 10

**TREATMENTS:** Available as H2S

**MANUFACTURE:** AS/NZS 4357.2 Series of Standards

**CERTIFICATIONS:** SECA, BSI

## Advantages

- Ideal for building straight and tall walls resulting in less time on site straightening when compared to traditional timber.
- It is lightweight and flexible, making it a more efficient installation option compared to traditional timber alternatives.
- Offers a uniform, flat surface finish.
- Features a solid construction that is both sturdy and lightweight, ensuring maximum stability and durability and superior strength over traditional timber.
- It is manufactured with type 'A' (marine) bond, renowned for its structural strength and long-lasting durability.
- The ideal choice for construction projects where strength and stability are crucial.
- Offers Dimensional Uniform Stability ( $\pm 1$  mm)
- Six high-span option sizes (6 meters).
- Available as H2S.
- Chain of Custody certification compliant for well-managed and sustainable forests.
- It is supported by Dindas Design Suite technical and software support.
- Highly resistant to warping, splitting and shrinkage damage due to its uniform structure and lack of knots.
- Every DINDASLVL 10 item is marked with a Dindas brand for easy identification.
- Sealed with advanced coating technology for weather protection.

# DINDASLVL 10 Pack Sizes

Depth (mm)	Thickness (mm)	Pieces per Pack	Weight
70	35	144	1.70 kg/lm
90	35	108	2.19 kg/lm
70	45	112	2.19 kg/lm
90	45	84	2.81 kg/lm
240	45	28	7.51 kg/lm
300	45	28	9.38 kg/lm



# DINDASLVL 10 Characteristic Values

Characteristic Values for Design Limit States		
$f'_b$	Bending strength <sup>1</sup>	38MPa
$f'_t$	Tension strength - parallel to the grain <sup>2</sup>	27MPa
$f'_{tp}$	Tension strength - perpendicular to the grain	0.5MPa
$f'_c$	Compression strength - parallel to the grain	28MPa
$f'_{cp}$	Compression strength - perpendicular to the grain (on Edge)	10MPa
$f'_p$	Bearing strength - perpendicular to the grain	8MPa
$f'_l$	Bearing strength - parallel to the grain	14.7MPa
$f'_s$	Shear strength	4.7MPa
$f'_{sj}$	Shear at joints	4.2MPa
MOE	Modulus of Elasticity	10,500MPa
MOR	Modulus of Rigidity	550MPa
$\rho$	Density (approximate)	580-590kg/m <sup>3</sup>
JD	Joint Group for connector design (nails, screws & bolts)	JD5
SD	Strength Group	SD5

- For beams bigger than 95mm in depth, the characteristic values are obtained by multiplying the value in this Table by  $(95/d) \exp(0.167)$ , where "d" is the depth of the section.
- For tension members with a cross-sectional dimension greater than 150mm, the characteristic values are obtained by multiplying the value in this Table by  $(150/d) \exp(0.167)$ , where "d" is the width or largest dimension of the cross-section.

- Tapered and notched beam is allowable, although it requires certifications and/or design checks by an engineer.
- Notches, cuts and holes in beams, bearers, joists and rafter members may have penetration holes and notches performed in accordance with AS1684.2 Clause 4.1.6 & Figure 4.1. The cutting, notching & drilling of components within structures that do NOT meet these criteria is outside the scope of this document and should be referred to an experienced timber engineer for design checks & certification.

For more information visit [dindas.com.au](http://dindas.com.au)

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