

# DINDASFRAME 12

Laminated Veneer Lumber

**DINDAS**  
Australia



Introducing DINDASFRAME 12, the latest addition to our high-performance and affordable engineered timber solutions lineup.

DINDASFRAME 12 offers a superior, stable, straight, and reliable option for your wall frames. It is an excellent alternative to MGP10 and MGP12 pine studs and works perfectly for top and bottom plates and noggins.



## Red coating for easy identification

- Has a red coating for easier identification on site.
- Designed to be long-lasting with durable water barrier technology added into the coating surface.



## Dimensional Uniform Stability

- Achieve improved framing with straight and consistent dimensions.
- It is free of traditional timber defects like gum pockets and strength-reducing knots.



## High-Performance Engineered Wood Product

- Get stronger and more consistent frames than traditional alternatives.
- Manufactured with type 'A' (marine) bond, renowned for its structural strength and long-lasting durability.



## Increase productivity, reduce material waste, and lower framing expenses

- Ideal for critical frame sections such as passageways, voids, walls over 2.4 meters tall, and critical load transfer studs.
- Individually labelled and QR code marked for direct product information access.



## 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.



# DINDASFRAME 12 Product Specs

**APPLICATIONS:** Internal and External.

DINDASFRAME 12 is a Structural Laminated Veneer Lumber (LVL) used for Framing Construction.

**MAXIMUM LENGTH:** Available up to 12 metre lengths

**DEPTH OPTIONS:** 70 and 90 mm

**WIDTH OPTIONS:** 35 and 45 mm

**TIMBER GRADING:** LVL 12

**TREATMENTS:** Available as H2S, H2 & H3 by request.

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

**CERTIFICATIONS:** JAS/ANZ

## STANDARDS AND CERTIFICATION

The Dindas range of LVL Engineered Wood Products (EWP) is sourced from world leading sustainable manufacturers internationally and locally. These manufacturers comply with the required AS/NZS standards and the globally recognised standard bodies of the APA and ASTM.

LVL from Dindas Australia currently meet or exceed the NCC Material Compliance requirements.

## QUALITY ASSURANCE - CERTIFICATION BODIES

JAS-ANZ, Sai-Global, APA

## DURABILITY

Class 4

## MULTI-TOOTH PLATE DESIGN

Refer Nailplate Manufacturer

## SIZES

70x35, 70x45, 90x35, 90x45

## VENEER FIBRE

Manufacturer dependant but may contain: Spruce, Maritime Pine, Radiata Pine, Doug-Fir and Birch.

## MOISTURE CONTENT

8-15% (at time of despatch from the manufacturer).

## ADHESIVE

Phenolic to AS2754.1

## BOND

Type A to AS2098.2

## Φ FACTORS - STRUCTURAL LVL - AS/NZS 4357.0

0.95 0.9 0.8

## TREATMENT OPTIONS

UT H2S H2 H3 \*

\* For complete treatment confidence and compliance, Dindas only recommends using LOSP treatment methods for EWP products.

## SURFACE FINISH

Unsanded faces, sawn and arrised edges

# DINDASFRAME 12 Pack Sizes

Depth (mm)	Thickness (mm)	Pieces per Pack	Weight
70	35	144	1.56 kg/lm
70	45	112	2.01 kg/lm
90	35	108	2.01 kg/lm
90	45	84	2.59 kg/lm

# DINDASFRAME 12 Characteristic Values

Characteristic Values for Design Limit States		Dindas Frame 12
$f'_b$	Bending strength <sup>1</sup>	46MPa
$f'_t$	Tension strength - parallel to the grain <sup>2</sup>	20MPa
$f'_{tp}$	Tension strength - perpendicular to the grain	0.5MPa
$f'_c$	Compression strength - parallel to the grain	30MPa
$f'_{cp}$	Compression strength - perpendicular to the grain	-
$f'_p$	Bearing strength - perpendicular to the grain	10MPa
$f'_l$	Bearing strength - parallel to the grain	30MPa
$f'_s$	Shear strength	4.5MPa
$f'_{sj}$	Shear at joints	4.5MPa
MOE	Modulus of Elasticity	12,000MPa
MOR	Modulus of Rigidity	600MPa
$\rho$	Density (approximate)	590 - 600kg/m <sup>3</sup>
JD	Joint Group for connector design (nails, screws & bolts)	JD4
SD	Strength Group	SD5

1. For beams bigger than 95mm in depth, the characteristic values are obtained by multiplying the value in this Table by  $(95/d)0.167$ , where "d" is the depth of the section.

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

3. Tapered and notched beam is allowable, although it requires certifications and/or design checks by an engineer.

4. 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.




## DINDASFRAME 12 Advantages

---

- High-performance engineered wood product ideal for framing purposes.
- Increase productivity, reduce material waste, and lower framing expenses.
- It is ideal for critical frame sections such as passageways, voids, walls over 2.4 meters tall and critical load transfer studs.
- It is an excellent alternative to MGP10 and MGP12 pine studs and is perfect for top and bottom plates and noggins, meeting Australian Standards (AS1684.2.2010).
- To ensure durability during construction, DindasFrame 12 is coated with water-resistant treatment.
- With no warps, splinters, or splits, DindasFrame 12 is easy to work with - drilling, cutting, and fastening is a breeze.
- DindasFrame 12 is seamlessly compatible and can be effortlessly mixed with other wood materials.
- Features a solid, sturdy, lightweight construction, ensuring maximum stability, durability, and superior strength over traditional timber.
- It is manufactured with type 'A' (marine) bond, renowned for its structural strength and long-lasting durability.
- Available as H2S, H2 & H3 LOSP Timber Treatments are available by request.
- Chain of Custody certification compliant for well-managed and sustainable forests.
- Highly resistant to warping, splitting and shrinkage damage due to its uniform structure and lack of knots.
- Every DINDASFRAME 12 item is marked with a Dindas brand for easy identification.

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

 [DindasAustralia](https://www.facebook.com/DindasAustralia)

 [dindas\\_australia](https://www.instagram.com/dindas_australia)

### **VICTORIA (Head-Office)**

58 Whiteside Road, Clayton Sth  
Phone 03 8540 0500  
Fax 03 8540 0599  
[vicsales@dindas.com.au](mailto:vicsales@dindas.com.au)

### **QUEENSLAND**

433 Wondall Road, Tingalpa  
Phone 07 3249 9888  
Fax 07 3249 9899  
[qldsales@dindas.com.au](mailto:qldsales@dindas.com.au)

### **NEW SOUTH WALES**

138 Dunheved Circuit, St Marys  
Phone 02 9673 8000  
Fax 02 9673 8099  
[nswsales@dindas.com.au](mailto:nswsales@dindas.com.au)