DindasForm 12

Laminated Veneer Lumber

Improve your construction process with DindasForm 12 – the laminated veneer lumber designed specifically for concrete formwork applications.
From bearers and joists to walers and soldiers, DindasForm 12 offers superior performance to traditional timber, providing a hassle-free and efficient alternative to other materials.

Yellow coating for easy identification

- Has a yellow coating for safer handling and easier identification on site.
- It is designed to be long-lasting and can be used multiple times with durable water barrier technology added to the coating surface.

Dimensional Uniform Stability (±1 mm)

- Achieve improved concrete finish that is straight and true every time
- It is free of traditional timber defects like gum pockets and strength-reducing knots.

High-Performance Engineered Wood Product

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

Save time and money with faster, easier installation

- Increase productivity and reduce forming costs.
- 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.

DindasForm 12 Product Specs

APPLICATIONS: Internal and External.
DindasForm 12 is a Structural Laminated Veneer Lumber (LVL) used for Smooth Concrete Formwork Construction.
Note: DindasForm 12 should only be used for its intended purpose.

MAXIMUM LENGTH: Only available in 6m packs

DEPTH OPTIONS: 95 and 150 mm

WIDTH OPTIONS: 45, 63 and 75 mm

TIMBER GRADING: LVL 12

TREATMENTS: Available as H2S

MANUFACTURE: AS/NZS 4357.2 Series of Standards

CERTIFICATIONS: JAS/ANZ

Advantages

- Ideal as Structural LVL for Smooth Concrete Formwork Construction offering strength, durability, and load-bearing capacity.
- 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 (±1 mm)
- High-span 6m option size
- 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 DindasForm 12 item is marked with a Dindas brand for easy identification.

DindasForm 12 Pack Sizes

Depth (mm)	Thickness (mm)	Pieces per Pack	Weight
95	45	77	2.7 kg/lm
95	63	55	3.8 kg/lm
150	75	28	7.2 kg/lm

DindasForm 12 Characteristic Values

Characteristic Values for Design Limit States		
f'_b	Bending strength[1]	46MPa
f'_t	Tension strength - parallel to the grain[2]	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	660MPa
ρ	Density (approximate)	590 - 600kg/m^3
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.

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