



# M10

## e-frame [wall]

LVL for Wall Studs and Wall Plates

e-frame [wall] M10 is a direct substitute for MGP10 pine in wall frame construction and can be used as:

- Studs
- Wall plates
- Noggins

### Features

- Straight as an arrow – engineered for straightness and dimensional stability
- Chamfered edges for safer and more comfortable handling
- e2S termite treated – providing a robust barrier to termite attack
- Made from sustainably grown timber veneers. Chain of Custody aligned with the Australian Forestry Standard (AFS) and Program for the Endorsement of Forest Certification ([www.pefc.org](http://www.pefc.org))
- Produced by the only Australian manufacturer of LVL

### Available Sizes

- 90 x 35mm
- 90 x 45mm



## E-FRAME LVL FOR WALL FRAMED CONSTRUCTION – TECHNICAL DETAILS

### e-frame Treatment

e-frame is supplied e2S treated for use in areas South of the Tropic of Capricorn. It can be treated to H2 and H3 Hazard Levels in accordance with AS1604.4 for use in any geographical area of Australia.

### e-frame Wall Framing – Size and Length Availability

	Depth (mm)	Thickness (mm)	Length Availability
e-frame M10	90	35	5.4m and 6.0m only
	90	45	

### e-frame Multiple Sections

The use of multiple e-frame sections is permitted using nail laminated members. Multiple e-frame members are to be laminated in accordance with AS1684.2:2010 or the Wesbeam Technical Information Sheet – Multiple Section LVL Members.

### e-frame Span Tables

In order to determine an e-frame LVL wall framing member size, simply use the MGP10 Span Table listed in AS1684.2:2010 Span Table Supplements – Part 2: Non-cyclonic areas, for the relevant wall framing member size – 90 x 35mm or 90 x 45mm – and wall framing application – stud or plate.

## SPECIFICATIONS

### Manufacture

Manufactured in accordance with AS/NZS 4357

### Veneer

Thickness Constant through the product thickness  
Species Sustainably sourced timber  
Joints Outer 2 plies are scarf jointed  
Inner plies – scarf and/or butt jointed

### Moisture Content

8% – 15% (at time of dispatch)

### Dimensional Tolerances

Available on request

### Straightness

Available on request

### Density

650 kg/m<sup>3</sup> (approximately)

### Adhesive

Phenolic – AS2754.1:2016 - Adhesives for timber and timber products; Adhesives for manufacture of plywood and laminated veneer lumber (LVL)

### Bond

Type A – AS/NZS2098.2:2012 - Methods of tests for veneer and plywood; Bond quality of plywood (chisel test)

### Joint Group

JD4 – for nails, bolts and screws

### Finish

Unsanded faces, sawn edges and chamfered edges

### Branding

Each piece of e-frame [wall] LVL is branded at least once with the product name for identification and evidence of compliance with manufacturing control standards

### Storage

Store on level bearers at maximum 1800mm centres well clear of the ground, and cover to keep dry but allow ventilation

### Source

Sustainably sourced timber certified to AS4707:2014 - Chain of custody for forest products

### Treatment Condition

Treated to e2S (CodeMark certified for Termite & Borers resistance for use in the geographical locations in the South of the Tropic of Capricorn), H2 and H3 as per AS/NZS1604.4:2012 - Specifications for preservative treatment; Laminated veneer lumber (LVL) to be used in any geographical location in Australia.



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