



e-stick^[wall] LVL for studs and wall plates

e-stick LVL is a direct substitute for MGP10 pine in LVL stick wall fabrication – studs and plates – and is engineered to maximize the efficient use of material and time.

- Engineered for straightness, consistency and guaranteed performance
- e-stick for wall framing applications – studs and plates – is supplied untreated
- e-stick can be easily treated to e2S, LOSP H2 and H3 Hazard levels if required

- e-stick can be used in all residential wall framing applications including studs, plates and noggin
- Available ex stock
- Competitively priced
- Chamfered edges for safer and more comfortable handling
- Manufactured from plantation timber veneers
- Manufactured in Australia by a wholly owned Australian company
- Wesbeam has full Chain of Custody aligned with the Responsible Wood (RW) Certification Scheme and Program for the Endorsement of Forest Certification (PEFC)



E-STICK LVL FOR WALL FRAMED CONSTRUCTION

e-stick Treatment

e-stick is available untreated. It can be treated to an e2S Hazard level and to H2 and H3 Hazard Levels.

e-stick Size and Length Availability

| Depth (mm) | Thickness (mm) | Length Availability |
|------------|----------------|--------------------------------------------|
| 90 | 31 | 2.4m, 2.7m, 3.0m, 4.8m, 5.4m and 6.0m only |

e-stick Multiple Sections

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

e-stick Span Tables

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

SPECIFICATIONS

Veneer

| | |
|-----------|----------------------------------------------------------------------------|
| Thickness | Constant through the product thickness |
| Species | Plantation 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/m³ (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

JD3 – for nails, bolts and screws

Finish

Unsanded faces, sawn edges and chamfered edges

Branding

Each piece of e-stick 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

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

Condition

Untreated. Can be specified 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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ABN 89 004 268 017
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WESTERN AUSTRALIA

190 Pederick Road
Neerabup | WA | 6031

T 08 9306 0400
F 08 9306 0444
E sales.wa@wesbeam.com

QUEENSLAND

3 Bult Drive
Brendale | QLD | 4500

T 07 3385 3900
F 07 3385 3911
E sales.qld@wesbeam.com

SOUTH AUSTRALIA

200 Cavan Road
Dry Creek | SA | 5094

T 08 8214 8500
F 08 8349 7212
E sales.sa@wesbeam.com

VICTORIA

Rear | 35 Greens Road
Dandenong South | VIC | 3175

T 03 8782 9500
F 03 8782 9511
E sales.vic@wesbeam.com

NEW SOUTH WALES

8-24 Dunheved Circuit
St Marys | NSW | 2760

T 02 8856 8400
F 02 9756 3793
E sales.nsw@wesbeam.com

DESIGN CENTRE

Suite B/524 Milton Road
Toowong | QLD | 4066

T 1300 356 460
E design@wesbeam.com