



e-plank® engineered scaffold planks

e-plank is the premium laminated veneer lumber (LVL) scaffold plank available in Australia and is engineered to maximise the efficient use of material and time. e-plank LVL has many advantages over traditional solid timber scaffold planks including its uniformity of engineering properties with every plank proof tested prior to dispatch.

FEATURES

- Engineered for straightness, consistency and guaranteed performance
- Individually proof tested to meet the Working Load Limit as per AS/NZS1577:2018 - Scaffold Planks
- Available in lengths from 1.5m to 6.0m with other lengths available as special manufacture

- Available ex-stock
- Competitively priced
- High strength yet lighter and safer to handle
- Chamfered edges for safer and more comfortable handling
- Ends sealed with Wesbeam e-seal to minimise the uptake of moisture through the end grain
- Made 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)



TECHNICAL DETAILS

e-plank Size and Length Availability

e-plank size (mm x mm)	Length Availability (m)						
230mm wide x 39mm thick	1.5	1.8	2.4	3.0	3.6	4.8	6.0

Other lengths are available as special manufacture

e-plank Design Working Load Limits

Length (m)	Size (mm x mm)	Max. Span (m)	Approx. Weight kg (at 12% m/c)	Working Load Limit (kg)
1.5	230 x 39	1.3	8.9	200
1.8	230 x 39	1.6	10.7	200
2.4	230 x 39	1.8	14.2	200
3.0	230 x 39	1.8	17.8	200
3.6	230 x 39	1.8	21.3	200
4.8	230 x 39	1.8	28.4	200
6.0	230 x 39	1.8	35.5	200

e-plank Proof Testing

Each e-plank produced by Wesbeam is proof tested in accordance with AS/NZS1577:2018 - Scaffold Planks. The proof testing is to ensure each e-plank meets the design working load limits before packaging and despatch.

e-plank Marking

Each e-plank is embossed on the sides with the following information

- Manufacturer: Wesbeam
- Reference: Australian Standard – AS/NZS1577:2018 - Scaffold Planks
- Duty category: Heavy Duty
- Working Load Limit: 200kg
- Max. span: 1.8m
- Date proof tested: XX/XX/XX

e-plank Treatment

e-plank can be readily treated to H2 and H3 levels as prescribed in AS/NZS 1604.4. Treated e-plank is only available as a special manufacture.

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

JD4 – for nails, bolts and screws

Finish

Unsanded faces, sawn edges and arrised edges

Branding

Each piece of e-beam 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

e2S* (CodeMark Certified for Termite & Borers resistance for use in the geographical locations in the South of the Tropic of Capricorn)

* e2S is a CodeMark® certified glue-line termite treatment.



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WESB0253 January 2019

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