BlondeLine Eucalyptus Untreated Data Sheet.

Scope of use.

An appearance grade plywood for use in applications not requiring a structural membrane. For use on wall and ceiling linings, in residential, commercial or industrial fit-outs not requiring a premium finish, general DIY & craft work.

Technical Detail.

An appearance grade plywood with two smooth faces with a light blonde colour. One B grade Face and one C grade face, no open-face knotholes, with minor 'Birds Eye' knots acceptable on the back face. Plywood has been finished with 200 grit sanding and hot pressed twice.



Technical Detail.

Sizes Available	2400 x 1200	9, 12 & 18mm
Species	Betula / Eucalyptus Grandis	
Country of Origin	China	
Structural Standard	9/12mm - P21 Brace Tested by Scion NZ 2021	
Treatment Type	Untreated	
Face Grade	BC	
Glue Line	Urea Formaldehyde	
Emission	AS/NZS 2098.11	E0 - <0.5 mg/L
Certification	N/A	
Hazardous Goods Rating	NA	
BPIR Class	Class 1	
Warranty Period	12 Months	Limited & Conditional
Thermal Conductivity	0.138 wm/K	
Density	Average 540kg/m3	

Moisture Content.

bbi Lining Plywood has an average moisture content between 6 and 15% when manufactured and will not exceed this as long as properly stored and handled. See Installation guide for more information.

Warranty Information.

bbi Wood Products provides a limited warranty for our Interior Lining Untreated Plywood, ensuring the product is free from manufacturing defects for a period of 12 months from the date of purchase. This warranty covers issues related to material quality and workmanship, provided the plywood is installed and maintained according to standard guidelines.
This warranty does not cover damage resulting from improper installation, exposure to moisture, environmental conditions, or misuse. Claims must be submitted with proof of purchase for evaluation.

Dimensional Properties.

Tolerances:

Length	+1.5mm/-1.5mm on the specified nominal value.
Width	+1.5mm/-1.5mm on the specified nominal value.
Thickness	±0,4mm on the specified nominal value for sanded grades.
Squareness	Within <3mm of the length of the longer diagonal.
Straightness	Within <3mm of the length.
Diagonals	Below 3mm difference on a 2400x1200mm sheet.

Nominal Thickness.	Number of Plies	Face Thickness Nominal	AVG Mass Per Sheet
mm	#	mm	Kg
9	3	0.3	19.01
12	5	0.3	23.76
18	7	0.3	28.51

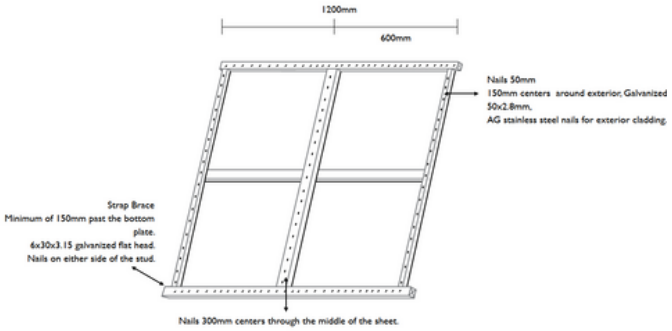
Mass has been calculated considering 6 to 15% moisture content and sheet size of 2400x1200 and a density of 540kg/m3.

Bracing Ratings.

The PlyBrace range of plywood has been P21 Brace Tested by Scion, New Zealand and have been manufactured and tested in accordance with NZS3604:2011. The PlyBrace range is resistant to earthquake and wind loads on timber framed buildings.

Thickness (mm.)	9mm	12mm
Min Wall Length (mm.)	1200	1200
Max Stud Spacing (mm.)	600	600
Wind BU/m	109	114
Earthquake BU/m	109	114

Notes: 20 bracing units = 1kN.
* As limited by the serviceability load capacity.
** As limited by the ultimate load capacity



Test Notes:

- Walls were constructed using 90x45 MSG8 studs (600 centres), plates and nogs.
- Straps of 25x0.9mm around the bottom plate at each outside stud and extended a minimum of 150mm past the top of the bottom plate were used with at least 6 timber bracket galvanised 30x3.15mm FH nails on each side of the plate giving 6kN on each side of the stud.
- Tested on a concrete floor with 2 M12 hold down bolts and 50x50x3 galvanised washers on each.
- Tested by Scion, New Zealand, April 2011.

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