

TECHNICAL DATA – 1 of 2

Radiata BB

Non-Structural

SCOPE OF USE

Radiata B/BB delivers a consistent finish and dependable panel construction suited to a wide range of applications. Wall and ceiling linings, cabinetry, joinery, shop and vehicle fitouts, and general DIY projects.

MOISTURE CONTENT

Radiata BB has an average moisture content of 9–10% at the time of manufacture and will remain within this range when stored and handled correctly. Refer to the Installation Guide for further details.

TECHNICAL PROPERTIES

Sizes Available	2400 x 1200 18, 25mm
Tolerances	±0.5mm
Species	Radiata Pine
Country of Origin	Chile
Treatment Type	Untreated
Face Grade	BB
Glue Line	Super E0 WBP A Bond Exterior
Emission	0.30 mg/L
BPIR Class	Class 1
Density Average	510kg/m ³

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DIMENSIONAL PROPERTIES

Tolerances:

Length +1.5mm/-1.5mm on the specified nominal value

Width +1.5mm/-1.5mm on the specified nominal value

Thickness ± 0.4 mm on the specified nominal value for sanded grades

Squareness Within 0.2% of the length of the longer diagonal

Straightness Within 0.05% of the length

Diagonals Below 3mm difference on a 2400x1200mm sheet

LAYER CONSTRUCTION

Nominal Thickness	Number of Plies	Face Thickness (nominal)	AVG Mass per Sheet
mm	N	mm	kg
6.5	3	2.54	10.1
7	3	2.54	10.9
9	3	3.15	14.0
12	3	2.54	18.7
15	5	3.15	23.3
18	7	2.54	28.0
19	7	3.15	29.5
21	7	3.15	32.7
25	9	3.15	38.9
30	11	2.54	46.7

Mass has been calculated considering 9 to 10% moisture content and sheet size of 2400x1200 and a density of 540 kg/m³.

INSTALLATION & HANDLING

For more information on installation and handling, please refer to our Non-Structural Plywood Installation Guide.