

Radiata CpD

Non-Structural

These panels feature a solid face with tight knots, wood patches, and synthetic repairs. The face veneer is clean, filled, and sanded to 150 grit, ready for finishing. Although not tested to AS/NZS 2269, they are certified to European CE-EN 13986, US PS1-09, and Japanese JAS standards.

FEATURES

- 100% Radiata Pine
- Solid face with tight knots
- Stable composed core with minimum voids
- A-bond Exterior Glue Line
- Super E0 Low formaldehyde emission
- Available untreated or treated H3.2 CCA

BENEFITS

- Face sanding 150-grit and ready to finish
- Strong enough to hang shelving, tools and bicycles
- Takes everyday knocks well

DIMENSIONS

Sheet Size	Thickness
2400 x 1200 mm	6.5, 9, 12, 15, 18, 21, 25 mm

All panel sizes are available untreated or treated H3.2 CCA.

SCOPE

- Wall and ceiling linings
- Shelving, packaging and signage
- Non-structural formwork, fencing, wall hoardings
- DIY Projects, sandpits, dog kennels, playhouses

TECHNICAL DATA – 1 of 2

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SCOPE OF USE

Radiata CpD is suitable for a broad range of non-structural applications across construction, landscaping, light fabrication, and general industrial use. Typical uses include temporary site works, basic outdoor structures, simple furniture and shelving, formwork, packaging solutions, and signage.

MOISTURE CONTENT

StructuralPly 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 6.5, 9, 12, 15, 18, 21, 25mm
Species	100% Radiata Pine
Country of Origin	Chile
Structural Standard	AS/NZS 2269
Treatment Type	Untreated, H3.2 Tan
Face Grade	CpD
Glue Line	WBP A-Bond Resin
Emission	AS/NZS 2098.11 Super E0, JIS Super E0 LFE
Certification	CE 2+
BPIR Class	Class 1
Density Average	540kg/m ³

TECHNICAL DATA – 2 of 2

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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	±0.4mm 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.