PLYfloor®

PLYfloor® is a strong, durable pre-sanded panel available in a range of thicknesses suitable for use in structural and non-structural flooring. PLYfloor® has machine grooved long edges with a plastic tongue to form a tongue and groove joint between sheets.

PLYfloor is for industrial applications where you need that added strength

- Superior strength – higher stiffness so can be designed to meet high industrial loads
- Will withstand rain and exposure during construction
- Can be H3 treated for external or wet area uses
- Green Star building accreditation points – FSC® certified (FSC-C018480), (FSC-C012019)
- Will withstand under floor heating systems
- Formaldehyde: Achieves < 0.3mg/L as tested according to AS/NZS 2098.11.

Suitable applications

- houses
- sports stadiums
- farm
- buildings
- motels and hotels
- truck decks
- transportable homes
- garages
- offices
- factories

Plywood Flooring

Product Identification Code	Nominal Thickness (mm)	Grade	Length mm	Width mm	Coverage per Sheet m2	Sheets per pack	Weight per Sheet Approx kg	Domestic Flooring	Commercial Flooring
15-30-5	15mm	CD	2400	1200	2.88	35	24	✓	✓
			2700	1200	3.24	35	27	✓	✓
17-24-7	17mm	CD	2400	1200	2.88	32	26	✓	✓
			2700	1200	3.24	32	30	✓	✓
19-30-7	19mm	CD	2400	1200	2.88	28	30	✓	✓
			2700	1200	3.24	28	34	✓	✓
21-30-7	21mm	CD	2400	1200	2.88	25	33	✓	✓
			2700	1200	3.24	25	38	✓	✓
25-30-9	25mm	CD	2400	1200	2.88	20	39	✓	✓
			2700	1200	3.24	20	44	✓	✓

Structural Grading
F11 only

Plyfloor - Floor Joist Spacing

Australian loading code descriptions AS 1170.1	Houses & Residential bedrooms	Dining, Communal Assembly, Classrooms	Institutional Assembly	Public Assembly, Corridors, Stages, Kitchens, Laundries, File Rooms	Offices Retail sales, General Storage, Libraries	Drill rooms, Halls, Cold Storage
Plyfloor	Maximum joist centres (mm, plywood continuous over two spans, face grain across joists. Thickness (mm). Adjust to suit 2400 or 2700 sheet length.					
12	400					
15	480	300				
17	540	400	300	300		
19	600	480	450	400		
21	600	600	480	480	300	
25	800	800	675	600	480	400
Design Basis	Working stress design to AS1720.1. Loads distributed on effective panel width in accordance with PAA design methods. Sag limit of span /200 to within 2% on idealized point loads in accordance with AS 1170.1 as follows.					
Max. Basic distributed live load (kPa)	2.0	4.0	5.0	7.5	5.0	5.0
Max. concentrated live load (kN)	1.8	2.7	3.6	4.5	7.0	9.0