



## 4. PLYWOOD BOARD

A plywood board is made of an odd number of cross grain **rotary cut veneers**. The weight bearing strength of plywood makes this panel excellent in regards to **bending strength** and **screw-hold ability**. On top of the covering veneers we glue a decorative veneer chosen in step A.

The Decospan Pure Wood Charter also lets us guarantee that our panels are produced with wood from **sustainably managed forests**. FSC® and PEFC™ certified panels are also available from Decospan.

Technical characteristics of plywood boards  
(average target values for the panels)

Specifications	Standard	Unit	PLYWOOD	PLYWOOD Poplar	PLYWOOD WBP	PLYWOOD Birch WBP	PLYWOOD Okoumé WBP	PLYWOOD Fire retardant
Density	EN 323	kg/m <sup>3</sup>	420 - 500	420 - 500	420 - 500	600 - 700	500 - 550	750 - 820
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	4000	4000	4000	6000 - 8000	4400	6000-8000
Tensile strength	EN 310	N/mm <sup>2</sup>	30	30	30	45 - 60	40	45-60
Fire safety category	EN13501		D	D	D	D	D	B
Gluing class	EN 314-2		Class 1	Class 1	Class 3	Class 3	Class 3	Class 3
Length and width tolerance		mm	± 5	± 5	± 5	± 5	± 5	± 5
Thickness tolerance	EN 324	mm	± 0.4 / ± 1	± 0.4 / ± 1	± 0.4 / ± 1	± 0.4 / ± 1	± 0.4 / ± 1	± 0.4 / ± 1

Table for veneered plywood panels

Final thickness	4,6 mm	5 mm	6 mm	7,5 mm	9 mm	10 mm	13 mm	16 mm	19 mm	22 mm	25 mm	31 mm	41 mm
2500 x 1220 mm	○												
2150 x 1220 mm									○				
2500 x 1220 mm			○		○		○	○	○				
3050 x 1530 mm					○		○	○	○				
2500 x 1220 mm	◊		◊		◊		◊	◊	◊				
3050 x 1530 mm	◊				◊		◊	◊	◊				
2150 x 1250 mm									◊				
2500 x 1250 mm		◊		◊		◊	◊	◊	◊	◊	◊	◊	◊
3050 x 1530 mm								◊	◊		◊	◊	
2500 x 1220 mm								◊	◊				
2500 x 1250 mm									◊				

- Plywood
- ◊ Plywood Poplar
- ◊ Plywood WBP
- ◊ Plywood Birch WBP
- ◊ Plywood Okoumé WBP
- 🔥 Multiplex Fire Retardant Euroclass1

- Size tolerance:  
L ± 5 mm, W ± 5 mm,  
thickness ±0.4 / ± 1 mm
- Other dimensions  
available on request.
- Panels can be cut to size.