



# 1. CHIPBOARD

These are high-quality base boards that are made of **wood chips**. Veneered chipboard panels are a versatile basic material with a good price-performance ratio. This material is mostly used for a range of **furniture and kitchen applications**.

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 chipboard (average target values for the panels)

Specifications	Standard	Unit	CHIPBOARD	CHIPBOARD fire-resistant	CHIPBOARD moisture-resistant
			P2 EN 312-2	P2/B EN 312-2	P3 EN 312-3
Density	EN 323	kg/m <sup>3</sup>	610 - 750	660 - 720	660 - 720
Flexural strength	EN 310	N/mm <sup>2</sup>	10 - 14	11,5 - 13	12 - 15
Surface tensile strength	EN 311	N/mm <sup>2</sup>	0,8	0,8	0,8
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	1200 - 1800	1500 - 1800	1850 - 2050
Moisture content	EN 322	%	5 - 13	5 - 13	5 - 13
Formaldehyde emission	EN 120		E1	E1	E1
Thickness tolerance	EN 324-1	mm	± 0,3	± 0,3	± 0,3
Size variability	EN 324	mm	± 5	± 5	± 5
Thermal conductivity	EN 12524	W/m.K	0,15	0,15	0,15
PCP content	EN 13986	ppm	< 5	< 5	< 5
Fire safety category	EN 13501		D	B	D
Perpendicular tensile strength	EN 319	N/mm <sup>2</sup>	0,20 - 0,40	0,30 - 0,40	0,40 - 0,45
Swelling after 24 hours	EN 317	%	< 18	< 18	< 14

Table for veneered chipboard

Final thickness	9 mm	11 mm	13 mm	16 mm	17 mm	19 mm	20 mm	23 mm	26 mm	29 mm	39 mm	45 mm	55 mm
2135 x 915 mm												○	○
2500 x 1240 mm	○	○	○	○	○	○		○	○	○	○		
2800 x 2070 mm	○		○	○	○	○		○	○	○	○		
3050 x 1240 mm	○				○	○			○	○	○		
3050 x 1530 mm				○		○							
2500 x 1240 mm	🔥												
2800 x 2070 mm	🔥												
2500 x 1240 mm	💧												
2800 x 2070 mm	💧												

- Chipboard E1 P2
- 🔥 Chipboard Fire-retardant Euroclass 2
- 💧 Chipboard moisture-resistant V313
- Size tolerance: L ± 5 mm, W ± 5 mm, thickness ± 0,3 mm
- Other dimensions available on request.
- Panels can be cut to size.

Current matrix on [www.decospan.com](http://www.decospan.com)