

TECHNICAL DATA SHEET

Poplar plywood

Panel composed entirely of crossed poplar veneers. The outer faces are long-grain oriented (cross-grain oriented on request)

Quality grade of faces: B/BB (II/III); BB/BB (III/III);
C/C (IV/IV) (UNI EN 635-1; UNI EN 635-2)

Characteristics:

- lightweight
- mechanical performance
- easy to work and cut

Sizes (mm)

(Other sizes are available on request)

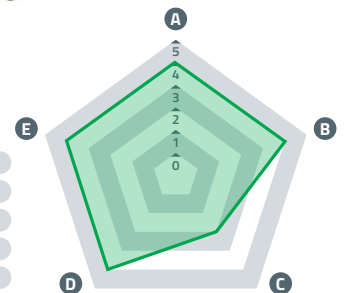
3100x1530	2500x1220	2520x1720
2520x1870	2440x1220	2100 x 3100
1870x3100	1530x3100	

Thicknesses (mm)

(Other thicknesses are available on request)

40	30	25	22	20	18
15	12	10	8	6	5
4	3				

A	STRENGTH
B	WEIGHT
C	SURFACE HARDNESS
D	SURFACE FLATNESS/HOMOGENEITY
E	SCREW-HOLDING



PROPERTY	STANDARD	UNIT OF MEASURE	THICKNESS (mm)											
			4	8	10	12	15	18	20	25	30	40		
Density	EN323	Kg/m ³ (+/- 5%)	400-450	400-450	400-450	400-450	400-450	400-450	400-450	400-450	400-450	400-450	400-450	400-450
Longitudinal bending strength	EN 310	N/mm ² (+/- 5%)	24	24	32	37	29	28	32	29	32	32	32	32
Transversal bending strength	EN 310	N/mm ² (+/- 5%)	24	24	32	37	29	28	32	29	32	32	32	32
Longitudinal elasticity module	EN 310	N/mm ² (+/- 5%)	4600	3600	3100	3200	3100	3300	3400	3400	3400	3500	3500	3500
Transversal elasticity module	EN 310	N/mm ² (+/- 5%)	1370	3300	3290	3900	3580	3390	4030	3410	4100	4100	4100	4100
Screw-holding – faces	EN 320	N (+/- 10%)							1200					
Screw-holding – edges (≥ 15mm)	EN 320	N (+/- 10%)							1000					
Thermal conductivity	EN 12664	W/mK (+/- 5%)							0,12					
Moisture content	EN 322	%							8-12					
Fire resistance	EN 13501-1		-						D-s2,d0					
TOLERANCES														
Thickness	EN 315	mm	+ (0,2 + 0,03 t); - (0,4 + 0,03 t)											
Length/ Width	EN 315	mm	+/- 3,5											
Squareness	EN 315	mm/m	1											

FIELDS OF APPLICATION



CERTIFICATIONS/TEST REPORTS



BONDING CLASS (UNI EN 314)



The data in this sheet show approximate values obtained from internal testing on normal production. It is the buyer's responsibility to determine whether the Bonzano products are suitable for the applications for which they are intended to be used and that the modes of transport and use comply with current regulations.