

## TECHNICAL DATA SHEET

# 5-ply poplar blockboard

Panel consisting of a core made of poplar or spruce staves covered with two-ply poplar veneer faces.

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)

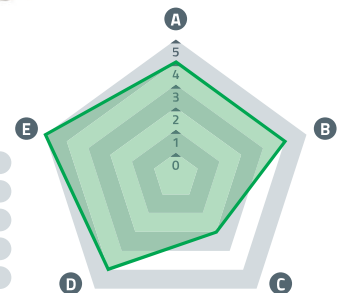
1870 x 3720 1855x3130

### Thicknesses (mm)

(Other thicknesses are available on request)

40 30 25 22 20 18  
15 13

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



PROPERTY	STANDARD	UNIT OF MEASURE	THICKNESS (mm)		
			15	18	25
Density	EN323	Kg/m <sup>3</sup> (+/- 5%)	420	420	420
Longitudinal bending strength	EN 310	N/mm <sup>2</sup> (+/- 5%)	40	40	30
Transversal bending strength	EN 310	N/mm <sup>2</sup> (+/- 5%)	15	15	13
Longitudinal elasticity module	EN 310	N/mm <sup>2</sup> (+/- 5%)	4500	4500	4000
Transversal elasticity module	EN 310	N/mm <sup>2</sup> (+/- 5%)	2600	2600	2450
Screw-holding – faces	EN 320	N (+/- 10%)		1300	
Screw-holding – edges (≥ 15mm)	EN 320	N (+/- 10%)		1300	
Thermal conductivity	EN 12664	W/mK (+/- 5%)		0,12	
Moisture content	EN 322	%		<12	
Fire resistance	EN 13501-1			D-s2-d0	
<b>TOLERANCES</b>					
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



FURNITURE



TRADE FAIR STANDS/ STAGE SETS



FURNISHING



DOORS AND DOOR JAMBS



DIY

## CERTIFICATIONS/TEST REPORTS



(on request)



(on request)

## BONDING CLASS (UNI EN 314)



(on request)

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.