

TECHNICAL DATA SHEET

Flexible plywood

Panel composed entirely of Ceiba veneers with unidirectional grain orientation (long-grain or cross-grain orientation on request).
Quality grade of faces: B/BB (II/III) (UNI EN 635-1; UNI EN 635-2)

Characteristics:

Available in two versions, Flex and Superflex, with a minimum bending radius of 50 and 12 times the thickness, respectively.

Sizes (mm)

(Other sizes are available on request)

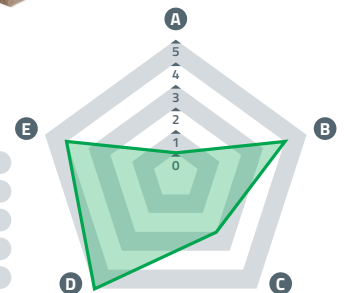
3100x1820 2500x1220 1820 x 3100
1220 x 2500

Thicknesses (mm)

(Other thicknesses are available on request)

8 5

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



PROPERTY	STANDARD	UNIT OF MEASURE	THICKNESS (mm)	
			5	8
Density	EN323	Kg/m³ (+/- 5%)	350	350
Longitudinal bending strength	EN 310	N/mm² (+/- 5%)	15	15
Transversal bending strength	EN 310	N/mm² (+/- 5%)	10	10
Longitudinal elasticity module	EN 310	N/mm² (+/- 5%)	1500	1500
Transversal elasticity module	EN 310	N/mm² (+/- 5%)	1200	1200
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		-	
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



TRADE FAIR
STANDS/
STAGE SETS



FURNISHING

CERTIFICATIONS/TEST REPORTS



E1

BONDING CLASS (UNI EN 314)



CLASS
1