

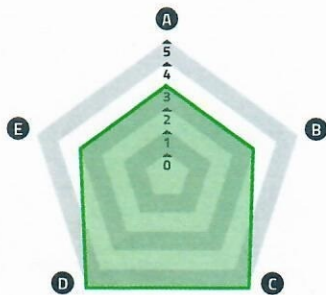
TECHNICAL DATA SHEET

LSB 3

LSB is the first panel of its kind. This is an engineered panel made of 100% poplar wood. The core consists of oriented strands and faces of wood microparticles. The panel is bonded with high performance MDI glue without formaldehyde and resistant to humidity.

Characteristics:

- uniform colour
- surface hardness
- smooth, flat surface
- no added formaldehyde
- moisture proof
- low glue content
- lightweight
- mechanical performances
- easy to work and cut



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

FIELDS OF APPLICATION



CERTIFICATIONS/TEST REPORTS



Sizes (mm)

(Other sizes are available on request)

- 1250 x 3050
- 1250 x 2500
- 1250 x 2280
- 1250 x 2200

Thicknesses (mm)

(Other thicknesses are available on request)

- 40
- 23,5
- 18,5
- 18
- 16,5
- 10

EXPOSURE CLASSIFICATION



PROPERTY	STANDARD	UNIT OF MEASURE	THICKNESS (mm)				
			10	12	15	18	25
Density	EN323	Kg/m3 (+/- 5%)	550	550	550	550	520
Internal bond	EN 319	N/mm2 (+/- 5%)	0,32	0,32	0,32	0,32	0,32
Longitudinal bending strength	EN 310	N/mm2 (+/- 5%)	16	16	16	16	13
Transversal bending strength	EN 310	N/mm2 (+/- 5%)	12	12	12	12	10
Longitudinal elasticity module	EN 310	N/mm2 (+/- 5%)	3000	3000	3000	3000	2900
Transversal elasticity module	EN 310	N/mm2 (+/- 5%)	1800	1800	1800	1800	1800
Screw-holding – faces	EN 320	N/mm (+/- 5%)				1000	
Screw-holding – edges (≥ 15mm)	EN 320	N/mm (+/- 5%)				800	
Swelling 24h	EN317	% (+/- 5pp)	10	10	10	10	10
Boil test	EN 1087-1	N/mm2 (+/- 5%)	0,18	0,18	0,18	0,18	0,18
Thermal conductivity	EN 12664	W/mK (+/- 5%)			0,1		
Moisture content	EN 322	%			5-12		
Fire resistance	EN 13501-1	thickness > 8mm			D-s2,d0		