



BISONBORD®

Panel Products

DATA SHEET | TECHNICAL DATA | BISONBORD

Date: January 2019

PROPERTY	TEST METHOD	UNITS	SANS 50312 : 2015								
			< 3	3 to 4	> 4 to 6	> 6 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 40	> 40
THICKNESS (mm)			< 3	3 to 4	> 4 to 6	> 6 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 40	> 40
<u>Thickness on nominal dimensions</u> - Thickness (sanded) within and between boards - Thickness (unsanded) within and between boards - Length and width	EN 324-1	mm (max)	± 0,3								
		mm (max)	- 0,3 + 1,7								
		mm (max)	± 5,0								
Edge straightness tolerance	EN 324-2	mm per m (max)	1,5								
Squareness tolerance	EN 324-2	mm per m (max)	2,0								
Moisture content	EN 322	%	5 to 13								
Tolerance on the mean density within the board	EN 323	%	± 10 %								
Formaldehyde potential	EN 120	mg/100g mg/100g	CLASS E1: Content ≤ 8 mg/100g oven dry board CLASS E2: Content ≤ 20 mg/100g oven dry board								
Bending strength	EN 310	N/mm ²	13	13	12	11	11	10.5	9.5	8.5	7
Modulus of elasticity in bending	EN 310	N/mm ²	1800	1800	1950	1800	1600	1500	1350	1200	1050
Internal bond	EN 319	N/mm ²	0.45	0.45	0.45	0.40	0.35	0.30	0.25	0.20	0.20
Surface soundness	EN 311	N/mm ²	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

CUSTOMER SERVICE CENTRE
 Corner of Lonie & Brakpan Road
 Boksburg, 1460, South Africa
 Tel 0860 579 196