

Date: May 2019

PROPERTY	TEST METHOD	UNITS	SANS 50312 : 2015 (EN 312 : 2010)	
THICKNESS		mm	12	16-18
Thickness on nominal dimensions	EN 324-1	mm	± 0,3	
- Thickness (sanded) within and between boards		mm	-0,3 +1,7	
- Thickness (unsanded) within and between boards		mm	± 5,0	
- Length and width		mm	± 5,0	
Edge straightness tolerance	EN 324-2	mm per m	1,5	
Squareness tolerance	EN 324-2	mm per m	2,0	
Moisture content	EN 322	%	5 to 13	
Tolerance on the mean density within the board	EN 323	%	± 10 %	
Bending strength	EN 310	N/mm ²	18	16
Modulus of elasticity in bending	EN 310	N/mm ²	2550	2400
Internal bond	EN 319	N/mm ²	0,45	
Internal bond after cyclic test	EN 321	N/mm ²	0,25	0,22
Swelling in thickness	EN 317	%	11	10
Swelling in thickness after cyclic test	EN 321	%	12	
Formaldehyde release	EN 120	mg/100g	CLASS E1: ≤ 8 mg/100g oven dry board	
		mg/100g	CLASS E2: ≤ 20 mg/100g oven dry board	
Application Type P5 - Load-bearing boards for use in humid conditions.				

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