

PG Bison produces BisonBord® MR in accordance with SANS 50312:2015 (EN 312:2010)
Particleboard Type P3 - Non load-bearing boards for use in humid conditions.

PROPERTY	TEST METHOD	UNITS	REQUIREMENT	
THICKNESS		mm	12	16-18
Dimensional Tolerances - Thickness (sanded) within and between boards	EN 324-1	mm	± 0,3	
- Thickness (unsanded) within and between boards	EN 324-1	mm	-0,3 +1,7	
- Length and width	EN 324-1	mm	± 5,0	
- Edge straightness	EN 324-2	mm per m	1,5	
- Squareness	EN 324-2	mm per m	2,0	
Moisture content	EN 322	%	5 to 13	
Tolerance on mean density within a board	EN 323	%	± 10	
Fire rating	SANS 10177-3:2005	Class	5	
Bending strength	EN 310	N/mm ²	15	14
Modulus of elasticity in bending	EN 310	N/mm ²	2050	1950
Internal bond	EN 319	N/mm ²	0,45	
Internal bond after cyclic test	EN 321	N/mm ²	0,15	0,13
Swelling in thickness, 24h	EN 317	%	17	14
Swelling in thickness after cyclic test	EN 321	%	14	13
Formaldehyde release	EN 120	mg/100g	CLASS E1: ≤ 8 mg/100g oven dry board	
		mg/100g	CLASS E2: ≤ 20 mg/100g oven dry board	

Please also refer to our “It’s the Handling and Storage Guide.” for more advice to help you get the most out of our products.

CUSTOMER SERVICE CENTRE 0860 579 196
JOHANNESBURG 011 897 5200
CAPE TOWN 087 357 7989
DURBAN 087 350 0874
EXPORTS 011 897 5200

