

PG Bison produces SupaWood® MR in accordance with SANS 540-1:2009 (EN 622-5:2009)
Moisture resistant medium density fibreboard (MDF-H) 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	± 0,2	
- Length and width	EN 324-1	mm	± 2,0	
- 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	26	24
Modulus of elasticity in bending	EN 310	N/mm ²	2500	2400
Internal bond	EN 319	N/mm ²	0.8MPa	0.75MPa
Internal bond after cyclic test	EN 321	N/mm ²	0,25	0,2
Swelling in thickness, 24h	EN 317	%	10	8
Swelling in thickness after cyclic test	EN 321	%	16	15
Formaldehyde release	EN 120	mg/100g	CLASS E1: ≤ 8 mg/100g oven dry board	
		mg/100g	CLASS E2: ≤ 30 mg/100g oven dry board	

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