

# Technical Data Sheet

August 2023

It's  
PG Bison.

Product: MelaWood® | BisonLam® | SupaLam®  
(melamine faced board)

MELAWOOD

PG Bison produces melamine faced board (MFB) for interior use in accordance with EN 14322:2017. VG/S low pressure, vertical general purpose, standard (medium density fibreboard substrate / particleboard substrate)

PROPERTY	TEST METHOD	UNITS	REQUIREMENTS		
THICKNESS		mm	< 15	≥ 15 to 20	> 20
Thickness tolerances on nominal dimensions - Thickness Tolerance	EN 14323	mm	± 0,3		± 0,5
Length and width - Commercially available panels - Pre-cut panels			± 5,0 ± 2,5		
Flatness	EN 14323	mm/m	-	≤ 2 (only for balanced surfaces)	
Edge damage - Commercially available panels - Pre-cut panels	EN 14324	mm	≤ 10 ≤ 3		
Surface defects	EN 14323	mm <sup>2</sup> / m <sup>2</sup> mm / m <sup>2</sup>	points ≤ 2 length ≤ 20		
Resistance to scratching	EN 14323	N	≥ 1,5		
Formaldehyde release (EN 312 : 2010)	EN 120	mg/100g	CLASS E1: ≤ 8mg/100 grams		
		mg/100g	CLASS E2: ≤ 20 PB & ≤ 30 MDF mg/100 grams		
NOTES:	<p>For the physical and dimensional properties, refer to the relevant standards from the series EN 622 and EN 312. Normally, unless otherwise specified, the particleboard grade used will be as required in EN 312 (P2) and the MDF grade will be described in EN 622-5 (MDF). On request of the customer other values can be specified. Numerous factors including changes in temperature and relative humidity in storage and fabrication areas at building sites may cause boards and panels to bow or twist irreversibly.</p>				
<p><b>Conditions for defect assessment</b> For a micro-imperfection to be defined as a defect, it must be detectable under the following conditions (this applies to spots/dents as well as fibres/scratches):</p> <ul style="list-style-type: none"> <li>- Viewing distance of at least 700mm from board surface</li> <li>- Viewing duration: maximum 20 seconds</li> <li>- Light intensity: 2000 - 5000 Lux</li> <li>- Inclination angle of product: 45° to the vertical</li> </ul>					

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



pgbison.co.za



 **PG BISON**