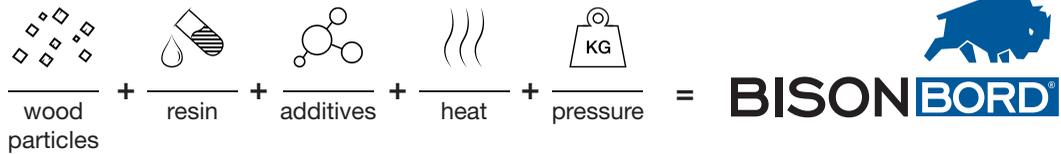




# It's the BisonBord<sup>®</sup>, BisonBord<sup>®</sup> MR & BisonLam<sup>®</sup> Guide.

*Design, manufacture, craft and care*



PG Bison produces BisonBord® in accordance with:

**SANS 50312: 2015**

Boards for interior fitment (including furniture) for use in dry conditions.

*Applications*



interior



upgrading



furniture



fixtures

Generic names: *particleboard • chipboard*

PG Bison's premium quality, interior grade BisonBord® serves a wide variety of purposes across homes, offices and retail spaces.

Particleboard manufacturing was once a simple way of utilising wood waste, but now it's a highly sophisticated technology, with careful selection of raw materials, detailed wood particle preparation and a scientific application of additives and binders. The results are a uniform, high-quality board that is extremely versatile and affordable.

To make BisonBord®, wood chips are refined, dried and classified by size into coarse and fine wood particles. These are then lightly coated with a precise amount of resin and formed in a three-layer mat, before being pressed together into panels of specific thickness and density, using heat and pressure.

BisonBord® can be used in its raw state but is mostly used as a substrate for decorative products. Its smooth surface is ideal for upgrading with melamine-impregnated décor or high-pressure laminates, and is used extensively in kitchens, built-in cupboards, domestic and office furniture and shopfitting.

**Affordability paired with suitability makes BisonBord® the go-to product for a whole host of projects.**



## Advantages of BisonBord®

- > Consistency
- > Ease of use
- > Fine, smooth and sanded surface
- > Excellent structural strength
- > Low dimensional movement
- > Superior screw-holding capability
- > Uniform density and thickness
- > High machinability and low tool wear
- > Available in a variety of thicknesses
- > Flexibility of sheet size format
- > Locally produced
- > Technical backup
- > Price stability

**Ease of use**

**Locally produced**



**Price stability**

## BisonBord®

BisonBord® sold in pack sizes only

Thickness	Pack size	Sheet sizes and tonnage	Availability	Sheet sizes and tonnage	Availability
		2750mm x 1840mm		3660mm x 1840mm	
09mm	50	1.64 tons	MTO	n/a	
12mm	40	1.72 tons	MTS	2.27 tons	MTO
16mm	30	1.59 tons	MTS	2.07 tons	MTS
18mm	30	1.78 tons	MTS	2.35 tons	MTO
22mm	25	1.83 tons	MTS	2.43 tons	MTS
25mm	20	1.61 tons	MTO	2.13 tons	MTO
32mm	15	1.55 tons	MTS	2.04 tons	MTS

## BisonBord® E1

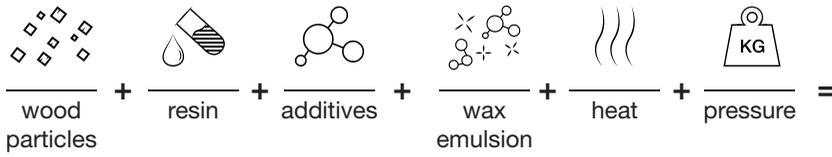
BisonBord® E1 sold in pack sizes only

Thickness	Pack size	Sheet sizes and tonnage	Availability
		2750mm x 1840mm	
16mm	30	1.59 tons	MTS

E1 European standard for low formaldehyde emissions

MTO Make To Order; Subject to quoted lead time and / or minimum order quantity

MTS Make To Stock



## BisonBord® MR Moisture Resistant

PG Bison produces BisonBord® MR in accordance with:

**SANS 50312 : 2015  
(EN 312 : 2010)**  
Application Type P5 - Load-bearing boards for use in humid conditions.

*Applications*

interior, high moisture areas    humid regions    upgrading cupboards under sinks    kickplates    bathrooms

*BisonBord® MR is similar to the older V313 specification, but not the same. BisonBord® MR is moisture resistant, but not waterproof.*

BisonBord® MR takes the tried and trusted recipe of BisonBord® and with some additional ingredients, goes to the next level, with improved moisture resistance and lower swell rate.

BisonBord® MR can be upgraded just like BisonBord® and is designed for use in interior, high moisture applications like bathroom vanities, laundry cupboards and kitchen kickplates. It is also ideally suited for the higher humidity of coastal regions. As good as BisonBord® MR

is, it is still not waterproof and will not perform well when exposed to excessive liquid on a frequent basis.

### BisonBord® MR (E1) Moisture Resistant

BisonBord® MR (E1) sold in pack sizes only

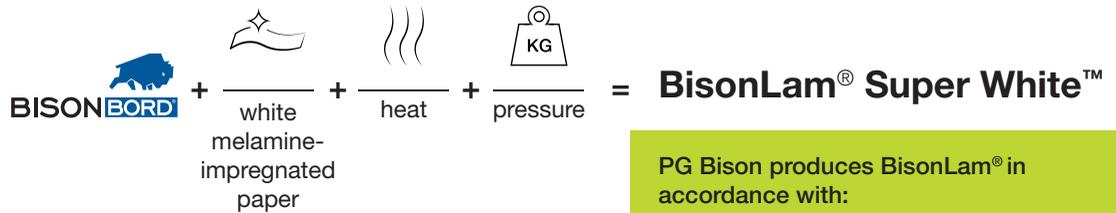
Thickness	Pack size	Sheet sizes and tonnage	Availability
		2750mm x 1840mm	
12mm	40	1.72 tons	MTO
16mm	30	1.66 tons	MTS
18mm	30	1.78 tons	MTO

### BisonLam® MR (E1) Moisture Resistant

BisonLam® MR (E1) sold in pack sizes only

Thickness	Pack size	Sheet sizes and tonnage	Availability
		2750mm x 1840mm	
16mm	30	1.76 tons	MTS

- E1 European standard for low formaldehyde emissions
- MR Moisture Resistant
- MTO Make To Order; Subject to quoted lead time and / or minimum order quantity
- MTS Make To Stock



**SANS 50312 : 2015**  
**(EN 312 : 2010) (P2)**  
 for BisonBord<sup>®</sup> substrate; and  
**EN 14322 : 2017** (Table 1)

## Applications



The leading brand in white melamine faced particleboard (MFB), BisonLam<sup>®</sup>, uses a BisonBord<sup>®</sup> or BisonBord<sup>®</sup> Moisture Resistant (MR) substrate.

A sheet of melamine-impregnated, white décor paper is bonded to both surfaces of the board using heat and pressure. This provides a durable, scratch and moisture resistant surface, ideal for medium duty vertical and light horizontal applications, such as door frontals, drawers, carcasses and shelving.

Perfect for kitchens and built-in-cupboards, remember the board's exposed edges must be properly edged using a suitable glue and edging material to give the board the best possible protection in areas where there is a chance of it being exposed to moisture.

## BisonLam<sup>®</sup> is available in two surface finishes

- PEEN – Stippled, sheen finish
- ASHWOOD – Embossed wood grain

## BisonLam<sup>®</sup>

BisonLam<sup>®</sup> sold in pack sizes only

Thickness	Pack size	Sheet sizes and tonnage	Availability	Sheet sizes and tonnage	Availability
		2750mm x 1840mm		3660mm x 1840mm	
12mm	40	1.84 tons	MTO	2.43 tons	MTO
16mm	30	1.71 tons	MTS	2.20 tons	MTS
18mm	30	1.93 tons	MTS	2.50 tons	MTO
22mm	25	1.88 tons	MTS	2.49 tons	MTO
32mm	15	1.62 tons	MTS	2.15 tons	MTO

MTO Make To Order; Subject to quoted lead time and / or minimum order quantity  
 MTS Make To Stock

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Subject to our standard terms and conditions of sale, PG Bison warrants only the performance properties of our products as set out in our technical data sheets. Please run detailed trials and tests to verify how your established procedure is affected before using any product contained herein in normal production.

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Whilst every care is taken to ensure the colour samples you see here are as close as possible to the real thing, please be aware there may still be slight differences between the colour in the brochure and the actual product due to the brochure production process. Before making your final decision, please be sure that you're 100% happy with the colour and finish you have chosen by asking to see a larger piece of the actual product. **PG Bison cannot be held responsible for any difference in the colours represented here to that of the actual product.**

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