

Prime Plywood Gaboon Technical Data Sheet

Prime Plywood Gaboon is a marine-bonded appearance-grade plywood made from Okoume hardwood logs. It has an attractive face and an edge suitable to expose as a feature. Prime Plywood Gaboon is light weight and easily machined and is certified Super E0 for formaldehyde emissions.

Prime Plywood Gaboon is available in B/BB grade sheets.

1. Intended Use

Prime Plywood Gaboon is intended for use as a stand-alone panel for interior cabinetry, fixtures and fittings where a clearcoat finish is required, or as a high quality substrate for decorative finishes such as timber veneers and laminate, particularly where an attractive multi-ply detail is desirable. It is also ideal for interior wall and ceiling linings.

It can be used for interior applications where ambient environmental moisture content is likely to be elevated for extended periods such as bathroom, laundry and kitchen cabinetry.

2. Limitations

Prime Plywood Gaboon B/BB is not suitable for use in uncovered exterior applications and is not structurally graded. It is however suitable for exterior covered applications.

Where Prime Plywood Gaboon is required to meet the requirements of the New Zealand Building Code, or forms part of a building system, the application and supporting structures must be designed by suitably qualified design professionals.

For interior decorative products, this data sheet should be read in conjunction with the limitations outlined in the relevant Prime product Technical Data Sheet.

3. Manufacture

Prime Plywood Gaboon is manufactured in China using timber sourced from Okoume forests. Prime Plywood Gaboon panels are made from layered thin Okoume wood veneers. The veneers are set at right angles to each other alternately and glue bonded under controlled heat and pressure to produce a strong and stable panel which is optimised for maximum performance parallel to the face grain.

4. Physical Properties

The physical properties and characteristics below are for Prime Plywood Gaboon only. These should be read in conjunction with the surface physical properties of the Prime product where appropriate (ie. Prime Veneer, Prime Laminate).

Property	Units	Minimum Value
Density	kg/m ³	530
Glue Bond	EN 314-2	Class 2 Exterior Covered
Formaldehyde Emission Class	AS/NZS 2098.11	Super E0

5. Substrate Options

Prime Plywood is available in a range of sizes and thicknesses. Please refer to the substrate chart under the Prime Substrates section of our website www.primepanels.co.nz.

6. Compliance

New Zealand Building Code - Clause B2 Durability: Prime Plywood Gaboon meets the durability requirements for interior linings of 5 years in accordance with B2 3.1 (c).

7. Sustainability

As a leader in the panel industry New Zealand Panels Group adopts and promotes sustainable business practices designed to minimise our environmental impact.

The company continues to search out alternative products to meet the growing needs of our environmentally conscious customers, while creating processes in our manufacturing plant that are mindful of the environment for future generations.

Some of the sustainable principles include:

- The use of sustainably sourced veneers, melamine and boards.
- Supplying low formaldehyde board.
- Reducing our manufacturing waste.
- Developing new processes to minimise energy consumption.
- Our purpose-built plant in East Tamaki features a number of initiatives that have significantly improved our environmental footprint, including a GreenStar 4-star rating for the building.

8. Health and Safety

Prime Plywood Gaboon should be handled in accordance with the Materials Safety Data sheet (MSDS) for Prime Plywood products. The MSDS is available for download from www.primepanels.co.nz.

Wood dust and dust from resins used in the manufacture of plywood are known health hazards. When machining plywood sheets, including drilling, planing routing and sawing, a suitable class P1 or P2 respirator should be worn along with non-fogging safety glasses.

To avoid cuts from sharp edges suitable protective gloves should be worn. Prime Plywood Gaboon meets the formaldehyde emission class Super E0.

9. Handling and Storage

Prime Plywood Gaboon sheets must be stored in dry interior conditions on a minimum of three bearers across the full width of the sheet keeping the sheets flat at all times. Avoid leaning sheets against walls.

Plywood is a natural product and is susceptible to changes and differentials in ambient moisture content which can cause bowing in the sheet. Precautions should be taken to minimize the affect.

Store sheets where construction traffic and construction activity will not damage sheets. Treat sheets as a finished product and avoid dragging sheets across other surfaces.

10. Warranty

New Zealand Panels Group offers a seven year warranty on its Prime Plywood Birch provided it is used for its intended purpose as a substrate for interior decorative panels and stored and installed in accordance with best practice, in a tradesman-like manner and in accordance with relevant Standards and New Zealand Building Code requirements.

11. Technical Support

Further information and technical support is available by contacting Prime Panels on 0800 477 463. This publication was issued in March 2018. Please ensure that you are using the latest publication by contacting Prime Panels or downloading the latest Technical Data Sheet from www.primepanels.co.nz.

Prime Panels, a business unit of New Zealand Panels Group, reserves the right to make changes to information in this publication without notice.

Contact us

Prime Panels
PO Box 258035, Botany, Auckland 2163.

Email sales@primepanels.co.nz
Phone 0800 477 463

primepanels.co.nz