



Austral Marine Plywood

Faces	A-A
Bond	A-Bond
Stress Grade	F17
Emissions	Super E0
Standard	AS/NZS 2272 - 2006
Core Gaps	Minimal
Thicknesses	1.5, 3, 4, 6.5, 9.5, 12.5, 16, 19, 25, 32mm
Dimensions	2400 x 1200, 2700 x 1200mm

Marine plywood has long been known as the "Rolls Royce" of plywood, and for good reason. It is a high performing product, suitable when "only the best will do". Constructed using the highest grade veneers (face and core veneers), it is manufactured from selected species based on density, bending strength, impact resistance and surface finishing characteristics. Marine plywood manufactured to AS/NZS 2272 - 2006 has a permanent Type A phenolic bond. Austral Marine Plywood is manufactured using plantation Hoop Pine, a designated marine specie.

Austral Plywoods is the only manufacturer of marine plywood that complies with Australian Standards.

Super E0 formaldehyde emission rating

Our Marine products are certified to Super E0, the lowest emission rating obtainable.

Preservative Treatment

None of the marine species are naturally durable and preservative treatment is required in marine plywood used in many marine environments such as boat hulls, pontoons and marina applications.

All cut edges should therefore be re-treated in situ. As most preservatives affect resorcinol bonding, advice should be sought from adhesive and preservative manufacturers if gluing of preservative treated plywood is intended.

Structural Properties

Hoop Pine marine plywood manufactured by Austral Plywoods possesses a stress grade of F17. This superior stress grade is attributable to our premium Hoop Pine resource, the efficient utilisation of that resource, and a commitment to quality manufacture. Marine plywood manufactured to BS1088, as imported into Australia, does not have predictable structural performance.

Grading

Marine plywood to AS/NZS 2272 - 2006 has two A grade faces and a Type A bond. In the Australian Standards grading system therefore it has a grading of AA-A bond. There is no second grade marine plywood.

Usage

Marine plywood to AS/NZS 2272 - 2006 should be used in hulls of boats and where specified in other marine applications and in aircraft construction. Marine plywood to overseas standards must not be substituted for AS/NZS 2272 - 2006 marine plywood. For assured performance marine plywood should be branded with the "EWPAAs Tested" marine plywood stamp.

Finishing

If used as an interior wall or ceiling lining, we recommend Austral pre-finishing. Marine plywood is not suitable for fully exposed applications (ie wall cladding).

Take care in free standing applications

Plywood is a natural product that can be affected by changes in ambient weather conditions, possibly causing previously flat sheets to bow. At Austral Plywoods all precautions are taken to ensure flatness at time of dispatch, however once the plywood has left our factory we cannot guarantee sheets to remain flat unless fastened. This is particularly important where free standing kitchen/cabinet doors are concerned.

Important - Before using oil based coatings & stains, ensure that they are compatible with Hoop Pine plywood. Although we do recommend water based finishes, stains from Livos Australia have been tested and approved by Austral Plywoods as being suitable for use with Hoop Pine plywood. Other oil based coatings are not recommended on plywood where the finished job will be subject to close scrutiny. Other oil based coatings tend to penetrate the face veneer of the plywood and strongly highlight the natural figure in the timber, darkening it considerably. In many applications this may not be desirable. Other oil based stains also tend to swell the grain of the surface veneer, again potentially disfiguring the plywood.