



Marine Plywood

Marine Plywood, an excellent and respected material of extensive aquatic usage is composed of several face and core veneer. It has to be very durable and the size and gaps between sheets need to be very minimum to ensure no water can be trapped and ensured so the such plywood can withstand a prolonged humid and wet conditions. Structurally, marine plywood can resist bending, warping or delaminating as well as fungal attacks which usually resulted from exposure to too much moisture. It uses an exterior Weather and Boil Proof (WBP) glue similar to most exterior plywood.

Applications

Marine-grade plywood is the only type of plywood approved for constant immersion in water. It is perfectly for usage in applications such as piers, docks, boat building and any other projects which can withstand spray and moisture related to either saltwater or freshwater. For indoor applications, moisture prone area such as kitchen and bathroom can also use marine plywood for walls and subflooring.

Advantages

- ✓ Weather and boil-proof bonding
- ✓ Stronger and has consistent mechanical properties



Product Name: **SY e-panel**

Property	Common Specification	Applicable Standards
Thickness	2.4mm - 32mm	
Sheet Size	Width: Up to 4ft, Length: Up to 10ft	
Glue Type	Phenol Formaldehyde Resin (PF)	
Wood Material	Hardwood Species	
Formaldehyde Level	F★★★★ Class E1 Class Super E0 / E0 CARB Phase II Super E0 / E0	JAS for Plywood EN636 (EN717-2) AS/NZS 2098.11 CARB
Bending Strength	Design based on request	
Resistance to Water	Type Special Class 1 Type A Bond WBP	JAS for Plywood EN636 (EN314-2) AS/NZS 2098.2
Preservative Treatment (Glue Line / Pressure Treatment)	1. Cyphenothrin Treatment 2. Cypermethrin Treatment 3. Bifenthrin Treatment 4. ACQ Treatment (Alkaline Copper Quaternary)	

*Relevant and appropriate products requirement is available upon request