

Hardwood Plywood

- Hardwood Plywood can be used as an exterior and interior plywood for construction and non construction usage.
- Hardwood Plywood is dimensionally stable, easy to work and environmental friendly.
- Interior plywood is designed for use in applications under dry conditions, minor exposed to weather or wet or damp environments.
- Exterior plywood is designed for use in application which are fully or semi-exposed to weather or wet or damp environments.

Applications

- ☑ Construction & non construction usage
- ☑ Fascia & soffits
- ☑ Furniture
- ☑ Vehicle internal body work
- ☑ Musical instruments
- ☑ Exterior usage - Non structural cladding, exterior door skin, hoarding, signs & etc
- ☑ Interior usage - Internal wall paneling furniture & fitments, interior door skin, ceiling linings, flooring & etc



Advantages

- ✓ Low Formaldehyde Emission Level
- ✓ Weather & boil-proof bonding
- ✓ High strength
- ✓ High stiffness to weight ratio
- ✓ Dimensional stability
- ✓ Impact resistance
- ✓ Easily work with conventional wood working tools & can be nailed close to the edge without fear of splitting
- ✓ Strong, economical & environmentally responsible to its solid wood counterparts

Product Name: **SY e-panel**

Property	Common Specification	Applicable Standards
Thickness	2.4mm - 32.0mm	
Sheet Size	Width: Up to 4 feet ; Length: Up to 10 feet	
Glue Type	Phenol Formaldehyde Resin (PF) / Melamine Urea Formaldehyde Resin (MUF) / Urea Formaldehyde Resin (UF)	
Wood Material	Hardwood Species / Planted Tree Material / PEFC Certified Material	
Formaldehyde Level	F★★★★/ F★★★/ F★★/ F★ Class E1 / Class E2 Class Super E0 / E0 / E1 CARB Phase II Super E0 / E0 / E1 / E2	JAS for Plywood EN636 (EN717-2) AS/NZS 2098.11 CARB
Resistance to Water	Type Special / Type 1 / Type 2 Class 1 / Class 2 / Class 3 Type A Bond / Type B Bond / Type C Bond / Type D Bond WBP / T1MR / T2MR	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