



## Bending Plywood

Bending Plywood is manufactured from specially treated veneers, usually with a thinner central core veneer and two thicker 'tenderized' outer veneers.



### Applications

- ☒ Used in curved columns, arches, cabinetry, furniture & shop fitting, whenever curves are desirable
- ☒ For structural or exterior used

### Advantages

- ✓ More convenient & much lower cost than premade wooden forms
- ✓ This flexibility will hold its shape once it is glued, laminated or veneered
- ✓ Time saving, as curves & circular designs can be produced using flexible plywood without the need for structural skeleton or special support
- ✓ Reduce labor cost & material cost
- ✓ Ability to flex in long grain or cross grain direction makes it a versatile panel for complex design

Product Name: **SY e-panel**

Property	Common Specification	Applicable Standards
Thickness	4.6mm / 5.0mm / 8.0mm / 10.0mm	
Sheet Size	3 x 6 ft / 4 x 8 ft	
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 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