



Structural Plywood

Structural Plywood, as suggested by its name is used for structural purposes. Usually applied in permanent structures where high strength is needed because it is a very strong, stable and workable type of plywood.

Structural Plywood is widely used in buildings construction, shopfitting and cabinet making industries.

Applications

- ☒ Building construction
- ☒ Beams and bracing panels
- ☒ Structural application
- ☒ Framework
- ☒ Roof structural
- ☒ Interior & exterior cladding
- ☒ Industrial Flooring
- ☒ Pallet & boxes
- ☒ Storage decks
- ☒ Truck bodies & floors
- ☒ Cabinetry & furniture

Advantages

- ✓ High stiffness & bending strength
- ✓ Excellent impact & damage resistance
- ✓ High dimensional stability
- ✓ High panel shear strength
- ✓ Can be nailed or screwed at the edge without afraid of splitting
- ✓ Versatile material, does not require special tools and skills to work



Product Name: **SY e-SP**

Property	Common Specification	Applicable Standards
Thickness	9mm - 32mm	
Sheet Size	Width: Up to 4 feet ; Length: Up to 10 feet	
Glue Type	Phenol Formaldehyde Resin (PF) Melamine Urea Formaldehyde Resin (MUF)	
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
Bending Strength	Class 1 / Class 2 Design based on request	JAS for Plywood
Resistance to Water	Type Special / Type 1 Class 1 / Class 2 Type A Bond WBP / T1MR	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