

Section	Item	Details
Product Name		PET Solid Wood Board – 18 mm thickness
1. Product Structure	Core	SelectedPine Solid Wood
	Top Surface	DecorativePET Film – 0.70 mm
	Bottom Surface	PET Balancing Film – 0.35 mm
	Reinforced Layer	Eucalyptus-Poplar Plywood – 2.75 mm (reinforced plywood)
2. Standard Specifications	Thickness	18 mm
	Size	2750 × 1220 mm
	Density	730 ± 20 kg/m³
	Moisture Content	6 – 10 %
3. Physical Properties	Bending Strength	45 MPa
	Bonding Strength	≥ 1.2 MPa
	Surface Hardness	3 S
	Screw-Holding Capacity	1200 N
	Dimensional Stability	Excellent
4. Key Features	High-Gloss, Scratch-Resistant PET Finish	High-gloss PET finish with scratch resistance
	Moisture-Proof & Heat-Resistant	Resistant to moisture and heat
	Odor-Free, Eco-Friendly	Environment-friendly and odor-free
	Enhanced Stability with Reinforced Plywood	Improved stability with reinforced plywood layer
5. Applications	Premium Furniture	High-end / premium furniture
	Kitchen Cabinets	Kitchen cabinetry
	Wardrobe Doors	Wardrobe / closet doors
	Interior Decoration	Interior décor and wall applications