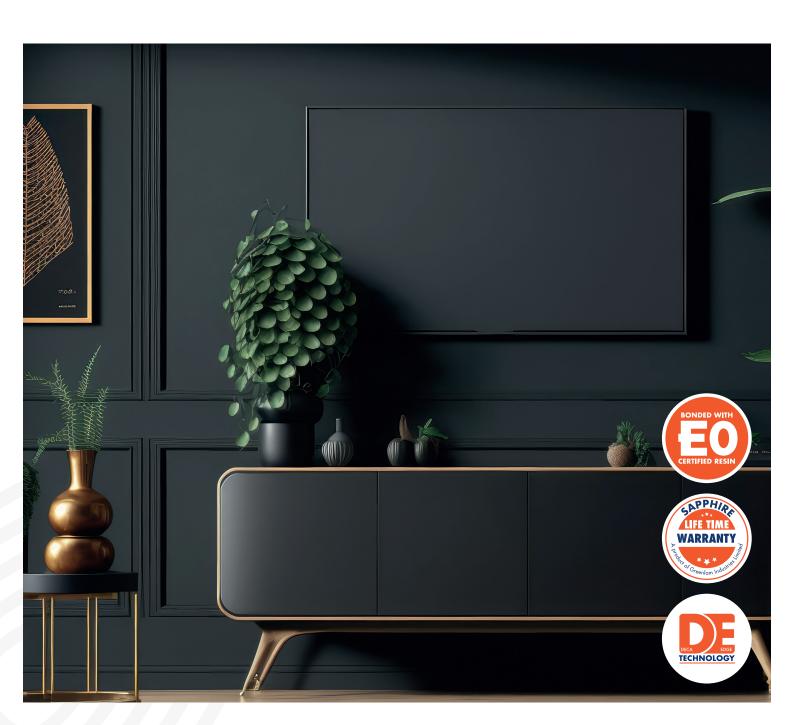




→ THE NO NONSENSE PLY •





Sapphire is a superior-grade plywood composed of premium hardwood with 0.6mm face veneer thickness on each side. This grade is fire-retardant, providing safety against fire hazards. With a lifetime warranty, Sapphire is the ultimate choice for those who demand nothing but the finest quality in their plywood products.

## **TECHNICAL SPECIFICATION**

Thickness in mm	4	6	9	12	16	19	25	
Number of Plies	5	7	9	11	13	15	17	
Face Veneer	0.6MM	0.6MM thick premium hardwood face						
Fire Retardant	Yes	Yes						
Emission Norms	Bonde	Bonded with EO certified resin						
Veneer Treatment		Each veneer is treated with preservative befor pressing through Vacuum Pressure Technology						
Density approx. in kg per CBM	730	730						
Nail Holding Strength (kg)	≥150	≥150						
Screw Holding Strength (kg)	≥275	≥275						
Impact Resistance		Excellent strength and dimensional stability due to higher number of plies						
Quad-Core Press	Yes	Yes						
100% Composed Veneer	,	All layers are pre-composed in an automatic state-of-the-art machine						
Adhesives of Plies Glue Shear Strength (N) Visual Inspection		≥1755 Excellent						
Moisture Content (%)	8 -12	8 -12						
Specific Gravity (g/cc)	≥0.73	≥0.73						
Water Absorption (%)	<5	<5						
Static Bending Strength (N/mm2)								
Modulus of Rupture (MOR): Along the grain Across the grain	≥60 ≥45							
Modulus of Elasticity (MOE): Along the grain Across the grain		≥9000 ≥5200						
Adhesive	Phenol	Phenolic adhesive						
Calibration	100%	100% as per Precision Calibration Technology						